

SEQUENCE LISTING

<110> Friedrich, Glenn
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Murine Polynucleotide Sequences and Mutant Cells and Mutant Animals Defined Thereby

<130> LEX-0286-USA

<150> US 09/728,445

<151> 2000-11-30

<150> US 60/168,358

<151> 1999-12-01

<160> 891

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 449

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(449)

<223> n = A,T,C or G

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agccttcaga	attgaaatca	actttccagc	agagtatcca	ttcaaaccac	ccaagatcac	180
atttaaaaca	aagatctacc	accctaacat	cgatgagaag	gggcaggtct	gtctgccagt	240
cattagtgtc	gaaaactgga	agccagccac	caagactgac	caagtaatcc	agtcctcat	300
agcactgggtg	aatgaccccc	agcctgagca	cccactccgg	gctgacctag	ctgaagaata	360
ctctaaggac	cgtaaaaaat	tctgtaagaa	tgctgaagag	tttacaaga	aatatgggga	420
aaaagccgac	ctgggggctt	aaaatctgc				449

<210> 2

<211> 397

<212> DNA

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<220>

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<222> (1)...(397)

<223> n = A,T,C or G

<400> 2

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gccgtccctg	cccggtgctgc	aagctgctac	tcctgctgct	gctgctgctg	cttggttgctg	180
attggttgctg	ttgctgggtg	ctgtttactg	tttgctgccc	gctggattgc	tggttgctg	240
attgccagtc	gggnaaatcc	tggnnataaa	aatccanctt	gccccanaaa	acangacnac	300
cctnnaggaa	gtattctaata	gatttcaatn	cgccctttcc	ccctctnacc	tttctctctt	360
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<210> 3

<211> 285

<212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

 <400> 3
 gatggagaaa ctgaggttcc gcatngaanc aggctgattc agacctcgct gccactgagt 60
 atgagaccac ctggggtgaa acttagatgg ctctattgtt ctgtcacctg ccgccactcc 120
 tctccaagac actgttacct gcccttgaga tattccggag acagcatccc gcagatcacc 180
 tacaggctgg cgacaggcac caagaatgga ttgggtgggg atgggcctcc cctctttata 240
 cgcacagagt cttagtaaatt tttgggtcct tgaacagaaa aaaaa 285

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 <211> 287
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(287)
 <223> n = A,T,C or G

 <400> 4
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 tcngtctcag gcatcnaaca tgggccaaact cctcaaactt ggtancctgg nacttnaata 120
 nccatcttan tgctcaaaaa aggtttctcc tatgaagacc gtgtntcctg gctgtcctag 180
 aatttgctgt gcnnaccaac ctggcctnna actcataaac ntttacctgc ctctgcctct 240
 aaagtgttgg gattnaaagc atttcccact atgtaacaaa caaaaaa 287

 <210> 5
 <211> 417
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

 <400> 5
 cgcccatcct aaattcctag cttgctcggg gtaggagntt cctgttcatt cgttctgata 60
 nncccactgn tgaaaactga ggngccacac tcgtatcnct ntcnacngga cctaacatta 120
 ttcgggangg aactctggtc cncnccecca tcnttcaatn nnnntgtcgt ggngattggn 180
 ttngaaccent gntcagnata aagctgaaaa aaaccccatc gnctnnccatt tncaccanga 240
 ccgggaagng tntnatatcn aggatccgaa taaggctcct caaggcttct ttgaccgaga 300
 aggagaanag ttagaatatg aatttgatga gcnaggacac atcacttggc tctgcagggt 360
 gaggttacct gtagatgatt cnnctgggaa acagctgggt gctgaggcca ttcactc 417

 <210> 6
 <211> 173
 <212> DNA
 <213> Mus musculus

 <400> 6
 gtctagaatg tatgtgccat gctgggaaca ggcttgatc gtctgcaaga gcagccatcg 60
 gtcttagctg ctaactctc tctcagtcca ttttgaatac gattctgagg tgacgcttcc 120
 ctgtcaccac ccttaacatg ctctcatcgt accctctggt caaataaaaa aaa 173

 <210> 7
 <211> 167

<212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(167)
 <223> n = A,T,C or G

 <400> 7
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 tcttagntgc taactcctct ctcatcgtac ttgaatacna ttctgaggtg acgcttcct 120
 gtcgncaccc ttaacatgct cctctgaaaa aaaaaaa 167

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 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(191)
 <223> n = A,T,C or G

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 attctccatc cacaaattat gcagtcaagt ttcctcnaat ttgggggtcaa tacacacaga 60
 gtgcaatgga tgaacctcgc tctggagaaa tcacctgcat aatcatggta tttccccttc 120
 caggatttat acanaagcag tcttccaaat tctgaaacct gatgcccatc acatactttg 180
 ggctgagaaa a 191

 <210> 9
 <211> 157
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(157)
 <223> n = A,T,C or G

 <400> 9
 ggtctagatt atgtgcatgc tgggaacaag cctggatcgt ctgcaagagc agncatcggg 60
 cttagctgct aactcctctc tcagtcctatn tgaaatacga ttctgaggtg acgcttcct 120
 gtennacccc ttaacatgct ctcatcgtac cctctga 157

 <210> 10
 <211> 273
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(273)
 <223> n = A,T,C or G

 <400> 10
 ggaatacaaaa gggccagggt ccggctgcgt ctcttgatc ttgagctgac atctagggtc 60
 ctgggtggga ccacaaatnc aactatactg gaggtgatg canttctctt aggactccaa 120
 gagatcaggg actcaaaatc aagagaggag caaccagca agtaatggac tgcgcttgct 180
 gtatttgaac ccattttgag cccagaaaac tataaataaa taaataattg aataaattta 240
 tnataaatga aaagtaatcc tgttaaaaaa aaa 273

 <210> 11
 <211> 370

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

<400> 11
actgaggtga cctttgaaag ttaacagggg tgccatgggc tgagtaagat aaacggaact 60
gctgttcaac cccgcccagt ctggggatga gtcattgttt tcaaatttat gaacaaagca 120
cacaaattaa gaataatata agcaagaaac agcagagaga cacaaaagga catagaatcc 180
ctgatacctca ctgtgatctg gtaacactag ttctagggct ggagagagag atgctcaggg 240
caagtgtctt tacagagaac atgagttcaa ttcccagaac ccacatggta cctcacaact 300
gcctattttca tacatgtggg gcagaacacc gatacacata cttttttttt taanaattga 360
aaaaaaaaaa 370

<210> 12
<211> 448
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 12
ctccttttagt gagaacngccc taggcagacc acntaccntt acccttctga aatctcggta 60
ctggaggatc tnggccngga tcctgatacc cccattgccc ccttagcnac ccatacctgac 120
naggaggagg aggaggagga ggaagaggag gagttgcttc tgengcctgg gctccagggc 180
gggctgcgca ccaaggccct antcgtggat gantcctgcc ggcggtgacc atcttccant 240
ttgggcgcat acctccttcc ttccttcctt cccgtacctg aagcttctgg agtctggatg 300
attcanagcc gacanacctg gcngggatcc tgccctggcag ggaagggggg tgancntntt 360
ctgacttgct tttcccaccc catttctggg gcnnanccnt tatectaaat ttaccacctaa 420
ctcatggtgt ttcccgtggg tgacctaa 448

<210> 13
<211> 394
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(394)
<223> n = A,T,C or G

<400> 13
tcctgatact gcttgntnngg ggtagagctn cctgctcnta cnttctgccc naccnnatgc 60
tggaacctga gnatchacat aattgcacct tctcttctgg accagacatt attcggcggg 120
aatcgggtcc ccacccctg acgtcatacc tgggtgtctca nccnnngnat ttgaactgtg 180
atcatctgag ccaaaatann ccaaagtata naagtcaaca aaggcaanat gctgnanatn 240
aaatggaaaa ccantcattg anaacatcat cncctctntn ctccgaggac ncttcgggtgc 300
ggatctggga tatcccnan ggtgggctga aacggaaacnt naccgaggga ctectggagc 360
tcnatggana catgcgccat gtggggctgg tgga 394

<210> 14
<211> 461
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(461)
 <223> n = A,T,C or G

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 gganagtntg attgnagagg tgannagacc ccgagcccaa aactgggtgct gcttatatag 120
 gcctangaga ggantgtctc acacctggat tggttatgca ctacgcctca tttgcatgat 180
 cctcatctga ttggctactc tctctctgta cctcaciaaag cctcattntc atacctcatt 240
 tgcattgtctc acacctgatt gggttatantc tccaaacccc ctttatacctg cccggggcnn 300
 gcantgtctt tgcaaaaaaac tttactgcat atgttcacat tgggttggttg tccaaactta 360
 tgcgtgggtg ccancagtan tcagtgccac tctgcaacgg cactgtggc ttcccacatc 420
 tccccctttt tgttttaata aatgaggct gggactaggc c 461

<210> 15
 <211> 301
 <212> DNA
 <213> Mus musculus

<400> 15
 aagtgttccc taagaagggt gtcaccctga cggagaagac gaaagcccaa cagctccagc 60
 gcctcctgga catgaagagc aaccccatatc agggcctggc tgcccactgg gattatgaaa 120
 agaaggagtg gaaaaagtga ccaacgtccc acgtctgccg ccagcccttg caaactgctt 180
 ctgcagccca ggagacaatc atcccctccc cccccctccc ctcctcctc ctctgagtc 240
 ctgtctccac tcccttctcc aataaaagca gcctgctttg ttctgcttgc aaaaaaaaaa 300
 a 301

<210> 16
 <211> 285
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 16
 aggttcctaa aatcanactc tgtcatcggn aagtgnagac tgtaacaaac tgggaccctc 60
 acatgccnat aagcantcaa aaatattnnc tgggagctgg ananatgggc tcagcagtta 120
 aaaacactga ctgctcttcc ggangtcctg tgttcaaadc ccagcaacca cagggttaact 180
 cacaaccatc tgtaatgana tctgatgcc tcttcgggtg tgtctnaaaa cagctacagt 240
 gtccttacat ataataaata aataaatctt tttttttaaa gaata 285

<210> 17
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 17
 ttgccccaaa ttggctgtag ccacacacac atgagaatgt cagatctcat tccggatgaa 60
 gccctgagaa gggcaatcga gagccacaac aagaaaaaaa 100

<210> 18
 <211> 269
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(269)
 <223> n = A,T,C or G

<400> 18
 catggaatgg acgggacaag gaaggcaaac attcacctgg aancaaaaanc tgtgctgctt 60
 tntggcttat ttacagtann tttncncaac cggcaagctt gtgcantnnn agcaagaact 120
 cctcctgcct gcctccggaa taagctgttg aattcttggt tcttccagcg cgggtgtctgc 180
 ctgcacgctg ccatgcgtcc tgccatgatn ataatggact gaccctctga aactgtaagc 240
 cagccccaan taaattttgt ccttgataa 269

<210> 19
 <211> 312
 <212> DNA
 <213> Mus musculus

<400> 19
 aagggtgtcc tcggaggcca aaggcgtcag atacgacacc tggaagttga atttacagaa 60
 ttgccagctg cccaacatgg attcttggaa ccaaaccctt agaattcaac aaacaaacaa 120
 cccagggggc tggagagatg gctcagcact caagagcact gactgctgct cttccagagg 180
 tcctgagttc aattcccagc aaccacatgg tggttcacaa ccatctgtaa tgagttccaa 240
 tgccctcttc tgggtgtgtct gaagacagcg acataaaatg aataaatctt tttaaaaacc 300
 caaaaaaaaa aa 312

<210> 20
 <211> 177
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(177)
 <223> n = A,T,C or G

<400> 20
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 cagcaactct tacagtctta ggtgttacca anaacanac tcaactgtaa aagttgtcag 120
 tacaggtttc ctttnccttt ngtttttgtt attgtttttt tttttttttt ttttttt 177

<210> 21
 <211> 273
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(273)
 <223> n = A,T,C or G

<400> 21
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 ctgactantc cntacnggcc ccggatcatg tncggcatca aaacnaagcc cgcgtncttt 120
 gagttggang tgggtggtgct cggctcccac ctgattgang actatggctc ctgctccctg 180
 anctgcttga gttccagtcc tgacttcctt tgggtgatgaa cagcagcatg gaantgtaag 240
 ccaaataaac ctttncctcc ccaaaaaaaaa aaa 273

<210> 22
 <211> 204
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(204)
<223> n = A,T,C or G

<400> 22
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct 60
tcctcctcct cccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac 120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgngna 180
ccnccccacca tggggggggct ggga 204

<210> 23
<211> 427
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G

<400> 23
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gtatagaggt attcccagca agtcaaagat gctgcattcc ggcgtatact caaagtcgga 120
gacgcccgtg aatcgcacat tgacgtccag acctgtggcc agtttcggga gcaccgtcat 180
tgcacgtcc acattctggt gggagaaaag acaagatggc tggcttagcc ttccctcct 240
gccaccacc atcccatggt tcatgtctgg ctttcttaca aaccgtttgt ttcateccacc 300
tcttacctca aacccccctt tgtgagacag agccctggct gtattgaaac tcaactctgta 360
naccaagctt gcccttgaac tcacagacat ctacctctct ctgcttccca agtgctgtaa 420
ttaaagg 427

<210> 24
<211> 265
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G

<400> 24
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct 60
tcctcctcct cccctcctn ccccttctgc ttcagattta tttattatat gtaagtacac 120
tgtancagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggngatga 180
nnncatcanc atacaggcta cacaggacca ncaacggaat gaggagtagg cccggatcat 240
ggntgagtnt gagatcacag agcag 265

<210> 25
<211> 335
<212> DNA
<213> Mus musculus

<400> 25
gatggtgcct gaaccctaact gattaagcag gcaggcagaa acgtgtcacc atcagctacc 60
attgtgcct catgcataaa tgaagtcctg atggaaaaca gacaaacaaa caaacaacaa 120
aacatctcta cacactaagc cgaaaacaaa tctataccaa actgctaaaa taaatggaaa 180
atacttaatt tgagcctggc tgttttgaaa attggaaatc cttcttcaaa atgaaaatca 240
ccgcaaaaca atctaaagtc atctacaggc caactagggt gtttggttgct tgccaaactt 300
ccaataaatt ctgcttgaaa ccttaaaaaa aaaaa 335

<210> 26
<211> 587
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(587)
 <223> n = A,T,C or G

<400> 26
 gccggcctcc actcctccat gtcengngcc tgcntctccn nccacttgtn tccentcacc 60
 nccatnacca tgtanancgg ggtgancaat gtgggcnttc accaccacca tcaccattct 120
 ccccatcgtc tccaccacca caagcaccac caccgccacc accatgctca tggagcccgc 180
 cgctaaggcc aatagatagc atctacctgg ctctgccctc catccagcan caacatgagt 240
 ggatcctgat gctgccacgg aaaaggatgt gcctctggga taaaaggggg tactgggacc 300
 ctggtcctgc ttgggtttca tttgcatatg agcccttctc cctatgtgca acaganacca 360
 cctgggtgcc ctctacacaa tgtgngggct tgancctcga gcaaggctgg ctgantttcc 420
 taccttgtga ctgcaactcc tgggtgacctg gaaaataaca agggttctgg canaaacaaa 480
 acccnggtga aaatgaaaat tcttctgatt ggggaaggcc tgtgatnaac ttccaggggc 540
 naantgtggt tagggcattc actgcttctt gggttttaaa aataaaa 587

<210> 27
 <211> 180
 <212> DNA
 <213> Mus musculus

<400> 27
 agggttccaa gactgccctt tgggattcaa acgggagccg ctttggactg actggctgcc 60
 ttcctcctcc tccccctcct ccccttctg cttcagattt atttattata tgtaagtaca 120
 ctgtagcagt tgtaggacac actagacgag ggcaccagat ctcattgtgg gtggttgcca 180

<210> 28
 <211> 232
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(232)
 <223> n = A,T,C or G

<400> 28
 gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct 60
 tcctcctcct cccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac 120
 tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tgggtgngaa 180
 ccaccacca tgtggtngct gggatntgaa ctcaggatct tcagaagagc ag 232

<210> 29
 <211> 213
 <212> DNA
 <213> Mus musculus

<400> 29
 ggaattttac tacttcacaa atggagaatg atgctacaaa gttaccatgg tgaagctgac 60
 aaataccact caaatgatga tgacatagaa gtaccttctc cctgctgctc tgatcccata 120
 attggttact agatgatgtt ttctgacatg gatttcgatt ttgggtacct gttactttgg 180
 cactattctt tttttttttt tttttttttt ttt 213

<210> 30
 <211> 735
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<221> misc_feature
 <222> (1)...(226)
 <223> n = A,T,C or G

<400> 33
 tgtcctggca ctctccgact ccagcagcag tagcagctcc agcgactcan aagcagaggg 60
 gaaggagtat gccgctggct gcaagaacat gaacgctcct cagacaaggc caagaaaccc 120
 aaggtgaaga aggagaagat ggagaagaag gagaagaagg agaagaagga gaaggagaag 180
 aagcccccca ttgacttatt aaacttgcag ccctttccgc tcccca 226

<210> 34
 <211> 459
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 34
 aggtccaaca gaagatatgg cccagattaa aggtatcctc aagatctgga ttaaaggctt 60
 gtgtcaatcc agatccaaag cctgtgacat cacacctcaa gattcagatc aaagcctatg 120
 tcttccaggc tcaagatcca nancacaagt gtgcccacca tttctggatt gcagttcatt 180
 ccagatatag tcaagttgac aactgagaag aaccatcaca gggtataaac acctatcatt 240
 tgctctcatt ttccccatat gttctctgct catgtgagat cctgacttga agtgtttccc 300
 ccaagcttgt tttccctgat ctctaaaaat acagccagaa agaagctctt tgttctctat 360
 agccagcaaa aagccttttt gtttctatac cttacaacca gagatgcaat aattgtaaaa 420
 agacctagcc aggcaattgc ctggctccct gtgccaagg 459

<210> 35
 <211> 234
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(234)
 <223> n = A,T,C or G

<400> 35
 ctgattacag attctgctat gttctgtgcc ctangaaacc gtgncantag aagtgagtag 60
 atctgttttg tatagttacc cacaataagc ttggacctga accaaccacc cagcagcact 120
 gcctgcctct gtgtataagc tnttatggng nnngccttta tanagatgtc cctgggatgg 180
 ccccaacata agagagacat ctgcactaan aacaacaaca acaacaacaa caac 234

<210> 36
 <211> 237
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(237)
 <223> n = A,T,C or G

<400> 36
 tgctgggcac catgtgtggt ctagggcaca gaanagnacg aagaagacat canggtcccc 60
 tggagcggat gttatcagct gccctgcaag tgctgggaac tcaacctaa ccttctccaa 120
 aaaccaggag tactgtgaag cacctggccg tctctccagt caccaacaac aacgctgctt 180
 gttagcaaat attttgatag cagcaacaag aaattgccta atataaggte tcacca 237

<210> 37

<211> 170
 <212> DNA
 <213> Mus musculus

<400> 37
 caagactgcc ctttggtatt caaacgggag ccgctttgga ctgactggct gccttcctcc 60
 tcctccccct cctccccctt ctgcttcaga tttatttatt atatgtaagt acactgtagc 120
 agttgtagga cacactagac gagggcacca gatctcattg tgggtggttg 170

<210> 38
 <211> 158
 <212> DNA
 <213> Mus musculus

<400> 38
 ggtctagatg tatgtgccat gctgggaacc aggcttggat cgtctgcaag agcagccatc 60
 ggtcttagct gctaactcct ctctcagtc atttgaatac gattctgagg tgacgcttcc 120
 ctgtcaccac ccttaacatg ctctcatcgt accctctg 158

<210> 39
 <211> 261
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(261)
 <223> n = A,T,C or G

<400> 39
 agtctcgaaa ggtaagtctg gncaccatgt gtgtagnngg cacggaaccn tnagaataan 60
 acatnatgnn gcctggagcg gatgttatca gctgccctgc aagtgctggg aactcaacct 120
 aagccttctc caaaaaccag gagtactgtg aagcacctgg ccgtctctcc agtcaccaac 180
 aacaacgctg cttgttagca aatattttga tagcagcaac aagaaattgc ctaatataag 240
 gtctcaccca taaaaaaaaa a 261

<210> 40
 <211> 259
 <212> DNA
 <213> Mus musculus

<400> 40
 aagttggaaa ttgcaatact cctaaaccaa atttctttga ttttgaagga aagcaaaaat 60
 gggaggcatg gaaagccctc ggtgactcaa gccctagcca agcaatgcag gaatatatcg 120
 cggcagttaa aaaactagat ccaggatgga atcctcaggt tcctgccctc cttgagttcc 180
 tgtcctgact tcctttgatg ctgaactgtg atgaggaagc ataagccgaa taaacccttt 240
 gctctccgaa aaaaaaaaaa 259

<210> 41
 <211> 177
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(177)
 <223> n = A,T,C or G

<400> 41
 gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct 60
 tcctcctcct cccctcctc ccccttctgc ttcagattta ttnattatat gtaagtacac 120
 tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgt 177

<210> 42
 <211> 256
 <212> DNA
 <213> Mus musculus

<400> 42
 aggggtctctt ctctctactc agcaccagct gatctggaag ccactctata gagcagactg 60
 actttgaaat cacagagcca catcagtctc tgccctcccca gtgctgaaat taaaggcgca 120
 caccacccgc tctgggtgaca tttttcttta aaaaatgaac aaaaaagggt tgcgtttgcc 180
 agttttttaa aaagaattgc cttttcgata tttgttttga ataataaaat cttacatttt 240
 gagtgaaaaa aaaaaa 256

<210> 43
 <211> 138
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(138)
 <223> n = A,T,C or G

<400> 43
 ggaggaattt tctcagcaaa catcatttaa aaggaaatta atggcgaaaa tggggcattg 60
 ggaaaccatg ggggaggggg gagactgana naatganaat gaataatggc aaaataaata 120
 aataaataaa taactaaa 138

<210> 44
 <211> 305
 <212> DNA
 <213> Mus musculus

<400> 44
 gggagaaact cactcgccaa acaacgtctc gtggtatcct ggctgactct ggccgcttca 60
 gcagagcctg gctgttcctg ctggattgtg ctactgctac agattcatgt ttggtgtttg 120
 ctattgaact gggctgctta tctcctgaca cggaagagtg gaatcgccca aagcaagtac 180
 ttctaatacag gtccacaact ccctttgcct ttaaccttgc tttttcccta cctctggttg 240
 gtgggctaaa agggaggggt aagaacccca aataaagtca gttttgaaaa acctaaaaaa 300
 aaaaa 305

<210> 45
 <211> 238
 <212> DNA
 <213> Mus musculus

<400> 45
 gggaacattg tggcaggaag acggaagtag tgctggagag gagactggag agaaacactg 60
 ggcctgtccc tgtgatgcac ttctgccagc aaggccacgc ctcccagtc ctgaagtgtc 120
 actccctgaa gatgaagcat tcaaatatga gtcgatgaga gccattcttg ttcacgtcgc 180
 catagttatg gaggttggac ccagcactca agactgttat aaagaatttt tgcttttg 238

<210> 46
 <211> 363
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 46
 gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct 60

tcctcctcct	ccccctcctc	ccccttctgc	ttcagattta	tttattatat	gtaagtacac	120
tgtagcagtt	gtaggacaca	ctagacgagg	gcaccagatc	tcattgtggg	tggttgngaa	180
ccacccacca	tgtggttgct	gggattngaa	ctcangatct	nnataagagn	agccagggct	240
ntaaaccgnt	gagccatctc	tccagcctnc	tgcattcctt	cttaangcat	gaatganccc	300
nacctangaa	gacatgctgc	cntacctcct	tttcnagcca	ttttcccttt	caccatatac	360
tca						363

<210> 47
 <211> 272
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

gggttccaag	actgcccttt	gggattcaaa	cgggagccgc	tttggactga	ctggctgcct	60
tcctcctcct	ccccctnctc	ccccttctgc	ttcagattta	tttattatat	gtaagtacac	120
tgnagcagtt	gnaggacaca	ctagacgagg	gcaccagatc	tcattgtggg	tggttgancn	180
cnanngaanc	agnggnnggt	ggnggacaan	ngnanggnng	ttagaacaga	agacnggtgn	240
atanaccnag	ntactattac	gtccatgaga	ct			272

<210> 48
 <211> 401
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(401)
 <223> n = A,T,C or G

gggtccagaa	aaggagatgg	atgccataca	ggccaaggaa	gaagtgaaaa	aggcccgtga	60
agaagatgag	gaggatctgc	tgatggggaa	gtttcacagg	cacaaccatt	tcagcagatt	120
ccacaggcag	ggcgaactat	agtcatactc	actctgcatg	ctgagtggcc	cagctgcaac	180
tctaataata	cacatttgaa	tgatcacata	ngnanggana	ntngnccagn	ttctgaaaaa	240
caatcccctg	tttgtgttag	ggtccccctg	ttcttctata	gacccttatg	accccagggt	300
ctgcaataag	aagtttctgt	tgactgcatg	tggtggcaca	ctcctttaat	ctcaggactt	360
gagaggcaga	ggcagacnta	tctgggattt	ccacatcagc	c		401

<210> 49
 <211> 372
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

gagagagaga	gagagagaga	gagagagaga	gagagagatg	agatanagg	tgagggcctc	60
gnggagcagc	ctgtgtgcac	ctgactggnc	cagnaggaac	acagtgtnc	gagaagctcc	120
tgtccccctg	tccccctctg	gtgccaaata	atgggagatg	tgcactgtct	gatcacatat	180
tcccgtctnc	tgccctntgc	ccagttaagg	ttaaggntga	tgaataancc	cttggtattat	240
tctgagganc	tgaccanncc	acagaagaaa	gcannccctg	tancctccct	ggtcatttcc	300
caagaatctt	cctgccctgt	tgagacttgc	cccaagtcta	gggcagtctt	caagcaagca	360
cctcttgctt	gg					372

<210> 50

<211> 161
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 50
 tgaggcctat atgtatgagc catgctggga accaggcctg gatcgtctgc aagagcagcc 60
 atcggcttta gctgctaact cctntctcag tccatttgaa tacgattctg aggtgacgct 120
 tccctgtcac cacccttaac atgctctcat cgtaccctct g 161

<210> 51
 <211> 335
 <212> DNA
 <213> Mus musculus

<400> 51
 ggtgatttct ctgtgccaaa gcctccagag gacaatataa aagacgtgtg tacaacgtca 60
 cccaggaaaa caaagaagaa gaatatagct tgccagtggg gagttagtct tgccttttct 120
 tttttccttt gaatcagagt ctcaactggat agctctggct actctgggac tctctatgta 180
 gaccaggctg gcctgagtgc tgggactaaa ggggtgtgtgc cactaccccc agctaaattg 240
 gtgtgttctg gagagattct tttttatgtt tggcccattt taattctttc aggcattcta 300
 ctactgctgt tttaaagttt ttttctttta aacca 335

<210> 52
 <211> 473
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

<400> 52
 ctttcagggg cccgctggga agacgaagag agaccagatc atactccaga tcattaagga 60
 ttttaaacc ccatgttcct cgtgcggcgc tcaccaccac cccccggctc tggccatggc 120
 cacactgagg gtccatcccg aagcccaagc caagggtgat gtgttccgtg aagacctgtg 180
 tagcaagaca gagaacctgc ttgggagcta ttttcccaag aaaatctcag agttggatgc 240
 gttcttaaag gagccagctc tcaatgaagc caacctgagc aatctgaagg ctccattgga 300
 catcccagta cccgatccag tcaaagagaa agagaaggag gagcgggaaga agcaacagga 360
 gaaggaagag aaggaagaga agaagaaagg ggacgaagac nacaagggtc cccctgtggn 420
 ccanttgaac tgcattgagaa aaatgnnggc ctntctgcaac ggctaaaacc tgg 473

<210> 53
 <211> 323
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(323)
 <223> n = A,T,C or G

<400> 53
 agggggcaag gccatgtggg acaccccaana cactgtcctc ttanagcgcc gggcggggcca 60
 ttaggcaggc gctgctcaca agccgaggcg tgtctctggc agctcctccg actccagcag 120
 cagtagcagc tccagcgact cagaggcaga ggggaaggag tatgccgctg gctgcaagaa 180
 gcatgaacgc tcctcagaca aggccaagaa acccaagggtg aagaaggaga agatggagaa 240
 gaaggagaag aaggagaaga aggagaagga gaagaaggcc ccccatcgac ttattaaact 300

tgcagccctt tccgctcccc aaa

323

<210> 54
<211> 352
<212> DNA
<213> Mus musculus

<400> 54
ggaccctgtg tgctgtgcaa tcaagaccca aactagaaga agggctctgtt ttactgctct 60
tggaaggcca cgtctaaaat taaaccacgt tcaggggaaa ctgtgcaccc aaatatttct 120
cagtcgcacc ccagcctcac aaacctattc tagggctgga aaagctggct cagccgttat 180
aagccctggc tgcactacca gaggaccag cctcaatttc cagcaccac atggcagctc 240
ataactgtgt agatccagtt ctagaggatc caacaccctc acacatacat gcaagcaaaa 300
caccaatgca cagaaaatga aaagaaataa atcgttaaga acaaaaacaa aa 352

<210> 55
<211> 305
<212> DNA
<213> Mus musculus

<400> 55
gggagaaact cactcgccaa acaacgtctc gtggtatcct ggctgactct ggccgcttca 60
gcagagcctg gctgttcctg ctggattgtg ctactgctac agattcatgt ttgggtgtttg 120
ctattgaact gggctgctta taccctgaca cggaagagtg gaatcgccca aagcaagtac 180
ttctaatacag gtccacaact ccctttgcct ttaaccttgc tttttcccta cctctggttg 240
gtgggctaaa agggagggtt aagaacccca aataaagtca gttttgaaaa acctaataaaa 300
aaaaa 305

<210> 56
<211> 158
<212> DNA
<213> Mus musculus

<400> 56
ggtctagatg tatgtgccat gctgggaacc aggcctggat cgtctgcaag agcagccatc 60
ggtcttagct gctaactcct ctctcagtc atttgaatac gattctgagg tgacgcttcc 120
ctgtcaccac ccttaacatg ctctcatcgt accctctg 158

<210> 57
<211> 274
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 57
tactgagcct cacggtttct tntggctgga actgcagttc atgcntggng attgccgagt 60
ggattgnagt gcatctgctg atgatttgag tctgtgctgt gctaacggac ttcactacaa 120
cncccgattg gaatcacccc caaagaactg nttgtataac gaggtccaca actctgtttc 180
ctatctttcc ccatgacctt tgctgggtgg tgggctaaaa gggagggttg agcgtttaag 240
aacccttatt aaagtaggtt tggaaaaaaa aaaa 274

<210> 58
<211> 221
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(221)

<223> n = A,T,C or G

<400> 58

gtgcaaaaag	aagaagaaga	agaagaagaa	naagangaag	angaagaagg	anaaggacan	60
ngacaaggag	aacggagaa	gagcaaggaa	aaggagaacg	gtacagnatn	ngnggagaga	120
atattnctaa	aataattntg	naatatattga	tatgtaatca	ttacattnag	tcaaaaaatt	180
canatttcta	gaaaatataa	agtttttttt	tgtcgattcc	t		221

<210> 59

<211> 253

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(253)

<223> n = A,T,C or G

<400> 59

actccaggag	aagaaggaag	tngtggagga	ggcagagaat	ggaagagatg	cacctgccaa	60
tgggaacgct	caaaatgagg	aaaatgggga	gcaggaggct	gacaatgagg	tagatgaaga	120
agaggaagaa	ggtggggagg	aagaggagga	ggaggaagaa	ggtgacgggtg	aggaggagga	180
tggagatgaa	natgangang	ctgangctcc	tacgggcaat	cgggtngctn	aggatgatga	240
tgatgaccat	gtg					253

<210> 60

<211> 226

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(226)

<223> n = A,T,C or G

<400> 60

agggttccaa	gactgccctt	tgggattcaa	acgggagccg	ctttggactg	actggctgcc	60
ttctctctcc	tccccctcct	cccccttctg	cttcagattt	atattattata	tgtaagtaca	120
ctgtagcagt	tgtaggacac	actagacgag	ggcaccagat	ctcattgtgg	gtggttgcaa	180
acgnnnngaca	cactngacga	gggcaccaga	tctcattgtg	ggtgga		226

<210> 61

<211> 323

<212> DNA

<213> Mus musculus

<400> 61

gcatcccttc	gtcagcagag	tcaccagcaa	taaggctctt	cgggagctgg	tggccgaggc	60
aaaggcggag	gtaatggagg	agattgagga	tggcaggagg	gacggagaag	aggaggatgc	120
tgtggatgct	gttccgggct	ggagagatgg	ctcaacgggt	aagagcactg	actgctcttc	180
tcaaagggtcc	cgagttcaaa	tcccagcaac	cacatgggtg	ctcacaacca	tctgcaatga	240
gatctgacgc	cctcttcttg	tgtgtctgaa	gacagctaca	gtgtacttat	atataataat	300
aaataaatct	ttaaaaaaaa	aaa				323

<210> 62

<211> 201

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(201)

<223> n = A,T,C or G

<400> 62
cacattcacg accacaccta aacctacaga atcagaaacg ccactagtgg ggtcggtcct 60
gaaacctggg taacaagctc ccaagggtgaa tctgatggcc gctttcccta agcagtagag 120
accctttttc gtgtatgggtg ctgaaaattt aancgtcctc tgtcccaaaa tcagtgaaaa 180
atcnggattt aaaaaaaaaa a 201

<210> 63
<211> 372
<212> DNA
<213> Mus musculus

<400> 63
gagactgacc cgctcctcaa gatttattat atgtacgtac actgtcgtctg tcttcagaca 60
ccccagaaga gggcatcaga tctcattaag gatgggtgtg agccaccatg tgggttgctgg 120
gatttgaact caggacctct ggaacagcag tcagtgtctt taaccgtga gccatttctc 180
caacccttaa gagtgtattt tatttccttt tgatttcctg caagtatcat ggtttcagtt 240
ttctttctgg ctgtaagact ccattgtatg tccgaaccac attttatctg ttttacgggc 300
cagttggctg cttctgttct tttgcctatt gcaatcgcta cagcaataaa catggatgtg 360
taaaaaaaaa aa 372

<210> 64
<211> 284
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 64
ggttccctaa aatcagactc tgtcatcggc aagtggagac tgtaacanga ctgggaccct 60
cacatgccga taagcagtca agaataattt ctgggagctg gagagatggg ctcagcagtt 120
aagaacactg actgctcttc cggagggtcct gtgttcaaat cccagcaacc acagggtaac 180
tcacaaccat ctgtaatgag atctgatgcc ctcttcgggt gtgtctgaag acagctacag 240
tgtccttaca tataataaat aaataaatct ttttttttaa agaa 284

<210> 65
<211> 324
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

<400> 65
gtttgaattt gagtgccgtg ctcgaggtgc cgacatctta ncctaccac ctgtggttgc 60
nggcgnaat cgctccaaca ctttgcacta tgtgaagaat aatcaactca tcaaggtaat 120
caccagaatt cccaccctg cgttctgctc ctggagaggc ctggtcccca gtagagagct 180
ccacacctct cccttagcaa atggagtgcc acacgccttc aatcccagca ctcgggattt 240
ctaagtctga ggccagcctg gtctacagag tgagttccag gacagccagg gctatacaga 300
gaaacctgt ctcaaaaaaa aaaa 324

<210> 66
<211> 431
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(431)

<223> n = A,T,C or G

<400> 66

ggaggacacc	cacagtttcc	gcttttgccg	gcacgcagag	gctgcagctc	tgtttcgctc	60
taaaaaccgc	tgccgcgcgt	catctggatc	ttcatccact	gtacgcgcgt	gccgtcccc	120
agtgcagg	gtgggctgag	ctggagagac	ctgttgccca	gtaaagaaga	atacttgtga	180
tggtttgtat	atgctcttcc	ctgggagagg	cactttttaga	aggtgtggcc	ctgttgagg	240
aggtgtgtca	ctgtgggtgt	gggctttaag	accctcatct	agctgcctgg	aagccagtct	300
cccactagca	gccttcagat	gaagatgtac	aactctcagc	tcctnctgca	ctaanncctg	360
ccaagatgct	gccctgctcc	caccttgatg	acaatggact	gaacctctga	acctgtaagc	420
ggcccaatta	a					431

<210> 67

<211> 427

<212> DNA

<213> Mus musculus

<400> 67

gtcgtgtcac	tgctgttgct	atcctgactg	gactgaactg	gactgctgg	gtatctgtga	60
ggtgtttgcg	aatggattga	gctgccactg	cctgctgacc	tgtgaactca	actgctgatt	120
tccagacaac	acagacagga	gttggtgcaa	agagccttta	tagacaggcc	cgcgccccct	180
tccccgctcc	tgtatcatth	cttttccatt	acctctgggt	ggtggtgggt	tacaagagag	240
gttaaagcat	ttaggaacca	tcattaaaaa	cagggtttga	catggaggcg	catgccttta	300
atcccagcac	tcaggaggca	gaggcaggcg	gatttctgag	ttctgagttt	gaggccagcc	360
tggtctacaa	agtgagctcc	aggacagcca	gagctataaa	gagaaaccct	gtcttgaaaa	420
aaaaaaa						427

<210> 68

<211> 303

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(303)

<223> n = A,T,C or G

<400> 68

gcacatgagt	gttctgcctg	catggatgac	tgtacatgca	tggtctcatgc	agtgatgaag	60
gagaccagaa	gaggtccttg	ggaatagagt	tacaaacaat	tttgaaccac	catgtgggtg	120
ctgagaattg	aacctatgtc	ctgtggaaga	tcagccagtg	ctcttaacca	ctgagaaatc	180
tctccatcac	ctattcttgt	ggtttggttt	ttctttttct	ttctttcttt	cttttttttt	240
tttctnanann	gggttttttt	gggtanccct	ggctgnccctg	gaactaactt	tgtaaaccag	300
gtt						303

<210> 69

<211> 214

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(214)

<223> n = A,T,C or G

<400> 69

gaaggagaag	aaggaagttg	tggaggaggc	nnagaatgga	agagatgcnc	ctgccaatgg	60
gaacgctcaa	aatgaggaaa	atggggagca	ggaggctgac	aatgaggtat	atgaagaana	120
ggaagaaggt	ggggagggaag	aggaggagga	ggaataatgt	gactgtnaag	atgatgatnt	180
annacnataa	ttntaccat	ttcgtattgc	taat			214

<210> 70

<211> 547

<212> DNA

<213> Mus musculus

<400> 70

agaagagaag	cagacacaag	atgaaaccct	gccaaaaaat	ggaaggaaac	ctagaaaagg	60
aggatgagcc	aaagcctgag	gaagagccaa	agccggagga	aaagcccag	gaggggcagg	120
aacccgagga	ggaggagaaa	tccgaagaaa	cttttcggga	gaggctgac	cggctctctg	180
aggattttca	ggaggatata	cacaacaggc	acctgagcag	tgatgatctg	tttagagatg	240
tggaggagct	agatgagatc	aggaaagtga	gaaacaaact	tatagtgcg	cgttggaagg	300
ctaaccgaag	ccatccttac	ccctatttaa	tgtagcttgg	cttgctttcc	cttttatctg	360
atgttaccat	tgcgatctag	ctttcttttc	attagcattt	tcctgataag	acctttgccc	420
atcttctctac	tttgaatctg	ttgctgttag	tggttttagc	tgtatctctt	gttgtctgta	480
tcttactgtt	gattatatat	gaaccaatct	ataagtctct	ggctttaagc	tttactgatt	540
tgtaaaa						547

<210> 71

<211> 258

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(258)

<223> n = A,T,C or G

<400> 71

ctactgaacc	cgagagaatg	cngccgggaa	tcangggccc	cttgcccttc	attcatnact	60
agcgttgcac	cnttnaaagt	tgagccttga	tcagaaaaaa	aagaccctna	aaaaaactgn	120
ctgccccttg	aaaacttacc	tacctaaggt	acagggataa	tagcttcttt	gcccactgtg	180
actctcagcc	cttaagactg	tttggctctg	cactaatttt	tttttattag	tctgtaataa	240
aatacctaca	ttttatta					258

<210> 72

<211> 174

<212> DNA

<213> Mus musculus

<400> 72

agggttccaa	gactgccctt	tgggattcaa	acgggagccg	ctttggactg	actggctgcc	60
ttctctctcc	tccccctcct	cccccttctg	cttcagattt	atttattata	tgtaagtaca	120
ctgtagcagt	tgtaggacac	actagacgag	ggcaccagat	ctcattgtgg	gtgg	174

<210> 73

<211> 364

<212> DNA

<213> Mus musculus

<400> 73

aagaagcctg	ctcattctga	atttgaacat	cggttctgca	ttactcctga	aagatgtcct	60
gcagtcagtg	tccgagcaca	ttcctgccac	agcagcctta	aatgaagttg	gggtttacaa	120
actggctcag	caagacgttg	agattctgct	taatttgagg	acaaattggc	ctaactctgg	180
aaaataaatgc	atcttcgaga	aaagtgttta	acaaagacaa	gagttgcctt	taatcctagc	240
acttgggagg	cagaggcaga	tggatttctg	agatcgaggc	cagcctggtc	tacaaagtga	300
gttccaggac	agccagggcc	acacagagaa	accctgtctt	ggaaaacaaa	cacaaacaaa	360
aaaa						364

<210> 74

<211> 274

<212> DNA

<213> Mus musculus

<400> 74

aggtatttgg	cccagcgaca	tcagagacaa	gaagagacac	agatgagaga	caagcacatg	60
------------	------------	------------	------------	------------	------------	----

aaagatgctt	accatccttc	gccatggcaa	aaagtgaat	taaaaagtcg	aggggacatt	120
actgtgcatc	tgatggagac	atgaggaccc	gtagggcttg	ctggccagcc	agtctagccc	180
agtcagtaag	ctccagggtc	cattgtgcct	gtgggtcttca	agagctctgc	acacccacag	240
acataaaaat	aaagttcag	tgaaataaaa	aaaa			274

<210> 75
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 75						
ggtctagatg	tatgtgccat	gctgggaacc	aggcctggat	cgtctgcaag	agcagccatc	60
ggtcttagct	gctaactcct	ctctcagtc	atttgaatac	gattctgagg	tgacngcttc	120
cctgtcacca	cccttaacat	gctctcatcg	taccctctg			159

<210> 76
 <211> 282
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(282)
 <223> n = A,T,C or G

<400> 76						
atacgacacc	tggaagttga	atntacagaa	ttgccagctg	cccaacatgg	atncttggaa	60
ccaaaccttt	agaattcaac	aaacaaacaa	cccagggggc	tgagagagatg	gctcagcact	120
caagagcact	gactgctgct	cttccagagg	tcctgagttc	aattcccagc	aaccacatgg	180
tggttcacaa	ccatctgtaa	tgagttccaa	tgccctcttc	tggtgtgtct	gaagacagcg	240
acataaaatg	aataaatctt	tttaaaaacc	caaaaaaaaa	aa		282

<210> 77
 <211> 523
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(523)
 <223> n = A,T,C or G

<400> 77						
catatgccca	catcangcat	tcctcggnct	cacctgcgct	ctgacctggg	gcagcagtta	60
gaggaggntc	cttcttnatc	ttcctcctct	gagactnagc	ctctgcctgc	aggaacatgt	120
atcccagagc	cagtgggcct	nttacaaact	actgaagccc	ctgggcccac	aggtatcaag	180
ggcatcaagg	gtactgctcc	tgagcacggc	cagcagacct	ggcagtcacc	ctgcaatccc	240
tatagcagtg	ggcaacgtcc	atcgggactg	acttatgctg	gcctgccacc	tgtagggcgt	300
ggtgatgaca	ttgcccacca	ctgctgctgc	tgcccttgct	gctcctgctg	ccactgtcct	360
cgcttctgcc	gttgtcacag	ctggtgtgtt	atctcctagc	tgactattga	acctccaggg	420
ctgtgcagcc	caggttcctg	ctcaatgccn	aagtgttgct	ggacatcang	agcanccggt	480
gcatgagcat	caccatttct	gcctgacagg	ggacctgtca	cca		523

<210> 78
 <211> 326
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(326)
 <223> n = A,T,C or G

<400> 78
 ggcgaacccc cccaaccccc agcctgnaac aggctgatcc agaccttgac cttgctgcca 60
 ctaaggagat tacctagggg ggagccttcc tgcctagatg actctattgt tcagccactg 120
 ctgctcttct ncttcaagac actgctacct gctgagagga ccctgagcta ttctagagac 180
 ttcatactat cctgcaggtc atcacctgca gctgggttcca ggctccaaga atggattaac 240
 gggaaatgggc cgcccttctc cccccaccc cctttataag cacagttttc tattaacat 300
 tcgagctttg atcaggaaaa aaaaaa 326

<210> 79
 <211> 336
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> n = A,T,C or G

<400> 79
 ttgaagcggt ccaagactgc cctttgggat tcaaacggga gccgctttgg actgactggc 60
 tgccttcctc ctccctcccc tcctccccc tctgcttcag atttatttat tatatgtaag 120
 tacactgtag cagttgtagg acacactaga cgagggcacc agatctcatt gtgggtgggt 180
 gtgaaccacc caccatgtgg ttgctgggat ttgaactcag gatctacana agagcagtna 240
 gggctntaaa ccgntgagcc atntctccag cctcctgcat tccttcttaa ggcntgaant 300
 gatcccannc ataggaagac tgacttgccc ttcctt 336

<210> 80
 <211> 370
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

<400> 80
 ggtgctgtct gctccgatct cccttatgct tcctggtttg agtccttctg ccagtttgct 60
 cagtatcggt gctccaacca tgtctactat gccaaagagn nacnntgctc ncagncnnnc 120
 nccatnctat nccnaaacac tntnaaggan gtggaggctt ctncagaant ggctgacact 180
 tccatgacca nctggcattg nganccatgc cacagagtga gacctncan antgtgnacc 240
 nnagntccca gccctanctt ggcagcttgc aagtctgtaa ctccagtcct gggagatcca 300
 acgccccctt ctggcctcca caagcactgc atgaatccag gcaaaacacc tatacacata 360
 aaataaaaaa 370

<210> 81
 <211> 260
 <212> DNA
 <213> Mus musculus

<400> 81
 taacagcctc ctctatgatc atggcccggc tgcattgctga gccacggaga aggagaagaa 60
 gaagataaag gaggatgaga agggttgggg cggtgcccga cctctgaaga ggagaggaga 120
 caggcgacca tgggagcaag tcttcagcac cacatgatgg ggactctgga gttgccgctc 180
 aggctgtctg ggttcctggc tgactggcca ccgtctttct catcaataaa aacatcgctg 240
 tgcattctta aaaaaaaaaa 260

<210> 82

<211> 158
 <212> DNA
 <213> Mus musculus

<400> 82
 ggtctagatg tatgtgccat gctgggaacc aggcttggat cgtctgcaag agcagccatc 60
 ggtcttagct gctaaactct ctctcagtcc atttgaatac gattctgagg tgacgcttcc 120
 ctgtcaccac ccttaacatg ctctcatcgt accctctg 158

<210> 83
 <211> 270
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 83
 agactctgtc atcggcaagt ggagactgta acangactgg gaccctcaca tgccgataag 60
 cagtcaagaa tattttcttg gagctggaga gatgggctca gcagttaaga aactgactg 120
 ctcttccgga ggtcctgtgt tcaaatecca gcaaccacag ggtaactcac aaccatctgt 180
 aatgagatct gatgccctct tcgggtgtgt ctgaagacag ctacagtgtc cttacatata 240
 ataaataaat aaatcttttt ttttaaagaa 270

<210> 84
 <211> 338
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G

<400> 84
 gttgctcaga gaagcacagt cttcaagacc ccatacccga ggaggaggag gaggaggagg 60
 aggagcccat cggagtggct gtggaggang agcgtttnc a ccagnaggga gccc aanag 120
 catccnataa aagctgtgcc attatgtgaa cttgtcaaga catggctgat cttcctcaag 180
 ctagaancat ggagtcctgt atacagtgc gagccttctc agaagcacat gatatttttg 240
 tatttccctt atgtgaattt ttaagctgcg aatctgatgg ccttaatttc ctttttgaca 300
 ctgaaagttt tgtnaaagaa atcctatcca tacattat 338

<210> 85
 <211> 265
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(265)
 <223> n = A,T,C or G

<400> 85
 agcctctctt aacatttttc ntggcaaate tntcagtgcc tggtctntatg tggctctccn 60
 tccccagcc tgaaacctgc ttgctnagg gtggagcttc ccgctcantc gttctgccac 120
 gccactgnt gnaacctgcc gntttgctgt ttgnagctac acacgtggtc accgtgctac 180
 tgnattccga nattatttgg cggnaattgg gccentcccc ntcccttnat aacggagtgc 240
 caaaatagta aaaattgaac cttga 265

<210> 86
 <211> 240

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(240)
<223> n = A,T,C or G

<400> 86
gcccgaaaaa caaaaccaga ggaaggggtg agagaaaaan ntgcaaattg ggaactgaaa 60
aattattgaa gggctggtga ggtgactcag tggaaaaagg agcttgctgt caagtctgaa 120
gaccagagtt caattcccag gaccacctg gtggaagttg ncttcaaact gcccctatgaa 180
tattcaaaca caagcatgta tattcataca aaataaataa atataattta aaaaaaaaaa 240

<210> 87
<211> 220
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 87
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct 60
tcctcctcct cccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac 120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcttgtgggt ggttgngaac 180
caccacacnt gtggttgctg ggatttgaac tcaggatcct 220

<210> 88
<211> 198
<212> DNA
<213> Mus musculus

<400> 88
cggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct 60
tcctcctcct cccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac 120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa 180
ccaccacca tgtggaag 198

<210> 89
<211> 320
<212> DNA
<213> Mus musculus

<400> 89
agttgaaggc ctccagttaa gagattacct caaatctgaa ataaggcttt ggacttgtga 60
acagtattgg aattgttgaa gaatatgggg acttttgaag ttgtcctgga catatgtttg 120
cattataaga tgacaatgaa ggctgccagg aaaactcaga aagtattgta ttaccttttg 180
acttgagttc aatccccaaa gccaaagtgt ggaaggagag agctgattcc tgcaacttct 240
tctgacttct atagcactca catatatcgg gcacatgcac gagtatgcac acacacacac 300
acacacacac acagatcgaa 320

<210> 90
<211> 173
<212> DNA
<213> Mus musculus

<400> 90
tccaagactg ccctttggga ttcaaacggg agccgctttg gactgactgg ctgccttcct 60
cctcctcccc ctccctcccc ttctgcttca gatttatatta ttatatgtaa gtacactgta 120
gcagttgtag gacacactag acgagggcac cagatctcat tgtgggtggt tgt 173

<210> 91
 <211> 335
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

<400> 91
 acaggctaca cacagccggt ggctacatgt ggnaacatct ncagnggntg ttgaagagtc 60
 cgtgggtggca tctnntgcng caatgnggaa tgccctgggt gtcctctgnc atggctggcc 120
 cntggcctgt tgaccacaga ananancagg gtcanagggc tcaagcncac agncccccttg 180
 gggagatcgc acatagcagg gttctcaacc tgtgggttac aacccccttg aggggtcaaac 240
 gaccctttca caagagttac gtattagcta tcctggatgt cagatattta cattacaatg 300
 tataacagca gcaaaattac agttatgaag tagca 335

<210> 92
 <211> 235
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(235)
 <223> n = A,T,C or G

<400> 92
 caaagccacc caccctntga cttctattta ctttacaatg atgttagccc ccncnntc 60
 caaaantnat gacanngggg ggtttngnct ctggncaaac atgacctcca gagtttggcc 120
 cttgcataaa ggagaaaatt aattccttca gttgttctct gacctccaca tgcgtcctgt 180
 aacatgggtg tatgcataca cataaacaca catncacacg ttgttaaata aataa 235

<210> 93
 <211> 173
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(173)
 <223> n = A,T,C or G

<400> 93
 gggttccaag actgcccttt gggattcaaa cgggagccgn tttggactga ctggctgcct 60
 tcctcctcct cccctcctn ccccttctgc ttcagatnna ttnattatat gnaagtacac 120
 tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tgg 173

<210> 94
 <211> 205
 <212> DNA
 <213> Mus musculus

<400> 94
 gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct 60
 tcctcctcct cccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac 120
 tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa 180
 ccacgcacca tgtggttgct gagat 205

<210> 95
 <211> 315
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(315)

<223> n = A,T,C or G

<400> 95

cactgttttg	taactatntt	gtaaggncac	agtccaccag	tanccttagg	gnacagggtn	60
attttatnca	cancagcagn	aatgnaaac	caaaacaact	ccacaataaa	attcttgngt	120
ttcttggggc	caagaagtat	gnacacgnat	aagnataaag	nacactggcc	aagncatgta	180
cctccagnag	tttgccctt	gcataaagga	gaaaattaat	tccttcagtt	gttctctgac	240
ctccacatgc	gtcctgtaac	atgggtgtat	gcatacacat	aaacacacat	ccacacgttg	300
ttaaataaat	aaaaa					315

<210> 96

<211> 340

<212> DNA

<213> Mus musculus

<400> 96

ggcactccag	ttaagagatt	acctcaaadc	tgaaataagg	ctttggactt	gtgaacacgt	60
attggaattg	ttgaagaata	tggggacttt	tgaagttgtc	ctggacatat	gtttgcatta	120
taagatgaca	atgaaggctg	ccaggaaaac	tcagaaagta	ttgtattacc	ttttgacttg	180
agttcaatcc	ccaaagccaa	agtgtggaag	gagagagctg	attcctgcaa	cttcttctga	240
cttctatagc	actcacatat	atcgggcaca	tgcatgagta	tgcacacaca	cacacacaca	300
cacacacaga	tcgaaaatag	ttgtaataaa	aaaaattaaa			340

<210> 97

<211> 507

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(507)

<223> n = A,T,C or G

<400> 97

gatctggtgg	cttgggtgac	agccagtttc	ctgcacatcc	cccatgctga	ggacatcccc	60
aacacagtga	ctgtgggaaa	cagagtgggc	ttcttgctcc	gaccctacaa	tttcttcaat	120
gaagatccct	ctatcttctc	ccctggcagc	gtgtactttg	agagggacca	ggatgccggg	180
ctctgcagca	tcaaccctgt	ggcctgcacc	caacagctgg	cagactgtgt	ccccaaacta	240
ccctcctttt	cctatgaagg	cttataggcc	tgaggctatg	gtgaggcccc	agggtaggag	300
ggatggaatg	tggagtggag	aatgggtca	gcgattaaga	gcacttgact	gntcttncag	360
angnccctgn	ngttnanttc	cttgcaacca	catggtggnt	acaaccatct	gtaatgggat	420
ctgatgctct	cttctggtgt	gtctgaagac	agagacagtg	tacctatata	cataaaaata	480
atctttttaa	aaatttttaa	aaaagaa				507

<210> 98

<211> 128

<212> DNA

<213> Mus musculus

<400> 98

tcagcaaaca	tcattttaaa	ggaaattaat	ggcgaaaatg	gggcattggg	aaaccatggg	60
ggagggggga	gactgagaga	atgagaatga	ataatggcaa	aataaataaa	taaataaata	120
aataaaaa						128

<210> 99

<211> 179

<212> DNA

<213> Mus musculus

<400> 99
tcagggctcc aagactgccc ttgaggattc aaacgggagc cgctttggac tgactggctg 60
ccttcctcct cctccccctc ctcccccttc tgcttcagat ttattttatta tatgtaagta 120
cactgtagca gttgtaggac acactagacg agggcaccag atctcattgt gggtggttg 179

<210> 100
<211> 282
<212> DNA
<213> Mus musculus

<400> 100
aatcagactc tgtcatcggc aagtggagac tgtaacacga ctgggaccct cacatgccga 60
taaagcagtc aagaatattt tctgggagct ggagagatgg gctcagcagt taagaacact 120
gactgctctt ccggagggtc tgtgttcaaa tcccagcaac cacagggtaa ctcacaacca 180
tctgtaataa gatctgatgc cctcttcggg tgtgtctgaa gacagctaca gtgtccttac 240
atataataaa taaataaatc ttttttttta aagaataaaa aa 282

<210> 101
<211> 216
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(216)
<223> n = A,T,C or G

<400> 101
gaggggtcca agactgccct ttgggattca aacgggagcc gctttggact gactggctgc 60
cttcctcctc ctccccctcc tcccccttct gcttcagatt tattttattat atgtaagtac 120
actgtagcag ttgtaggaca cactagacga gggcaccaga tctcattgtg ggtgggttg 180
aaccnccac catgnngntg ccgggatttg cactca 216

<210> 102
<211> 343
<212> DNA
<213> Mus musculus

<400> 102
aaggggtctcc ctgcctagaa cctgatattt aacactgaga gatccacctg gctctgcgcc 60
gctaaacacg ccacctcgtg ctagccaact ttgaacttat gattctcttg tacactggta 120
acttggaagt tacctctcgg gggctggaga gatggctcag tggttaagag actgactgct 180
cttccagagg tcctgagttc aattccaagc acatgggtggc tcacaaccat ctgtaatggg 240
atctgatgcc ctcttctggt ttgtctgaag acagatacag tgtactcgtc acatatataa 300
aataaataaa taaaatcttt ttttaaaaaa ttaaaaaaaa aaa 343

<210> 103
<211> 165
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

<400> 103
gcctccagac tgcccttttg gattcaaacg ggagccgctt tggactgact ggctgccttc 60
ctcctcctcc nctnctgnc cccttggtgct tcagattnat ttattatatg gnngtacact 120
gtagcagttg taggacacac tagacgaggg caccagatct cattg 165

<210> 104
<211> 361

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 104
gacgcacccct ggactccaca atgaacggga cagttggacc taagtgggaa gctgattatc 60
aaagctnanc ttggggaana tatnncacna attcccattc ataatgaaga cattacttac 120
gatgaattag tgctaattgat gcagcgagta ttcanaggaa agcttctgag tantgatgaa 180
gntacaataa agtataagga tgaaggcatg gactgaagac cctcacccta gctgcctgga 240
aatcagtatt atgttagcag ccttcagatg aagatgtaga actntcannt ccttctggat 300
catgcctgcc tggatgctgc atgttcctgc cttgatgata ntagaatgaa cctctgaacc 360
c 361

<210> 105
<211> 165
<212> DNA
<213> Mus musculus

<400> 105
ggttccaaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt 60
cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact 120
gtagcagttg taggacacac tagacgaggg caccagatct cattg 165

<210> 106
<211> 349
<212> DNA
<213> Mus musculus

<400> 106
gtaaaggcat tgaaagagaa gattgaatct gaaaagggga aagatgcctt tccggtagca 60
ggtcagaagt taatttatgc aggcaaaatc ctacgtgatg atactgctct caaagaatat 120
aaaattgatg agaaaaactt tgtggtggtt atggtgacaa aacccaaagc agtgacaaca 180
gcagtgccag ctacaaccca gccatcaagt actcccagcc ccactacagt cagttcttcc 240
ccagcagtgg ctgcggccca ggctccagct cccacccctg ctctggctcc cacttccctc 300
tgctcccta gtgctaggat taaaggcatg cactacaacc aaaaaaaaaa 349

<210> 107
<211> 424
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 107
gaggaggacc tgccttctgc tgatgagctg gaggactggc tggaggacgt gctggagggc 60
gagatcaaca cagaggatga cgacgactga tgacgacgat gacgatgatg acgatgatga 120
tgacgactag atgactagt ggcgtggcag ccgcgtacca gcccacttg ctcttactt 180
gttgtagcctt tctgccatct gtgccttcc ccgggctcct tgggacacta ggtcattctc 240
tactacaggg ccaactgtgg tctgcataca ggggtgcttga ggtcctgggc tccctctccg 300
aggagaaaag gagctgcttt ttcttagatc ccagcccagt tctctcatct gactttgctt 360
tnttnccccc agacctttat ctggatctct tnccgggcan tnccccatac tttaacgggt 420
tttc 424

<210> 108
<211> 352
<212> DNA

<213> Mus musculus

<400> 108

ggttgagaag	taccggccac	agaccctggc	cgatctcatt	tctcaccagg	acattctgag	60
taccaaccct	tggtgagcac	aacttcgtgg	cagtgggagc	actctgctcc	aaagtggaca	120
ggaagtagag	agctaaaggg	gtgggggagc	aagcagtatg	accctcaaag	gcacgagttt	180
ggtgacctga	ctcctccaat	gaggctgtgc	ctctaaacca	gtggctctca	accttcctaa	240
agatgtggcc	cttttaatac	agttcccat	gttggtggtga	ccaccccccc	caccataaaa	300
ttatttcatt	gctacttaat	aaatgggaat	tggtctctgt	taaaaaaaaa	aa	352

<210> 109

<211> 386

<212> DNA

<213> Mus musculus

<400> 109

gtatttactc	aagagaatgc	aacctgtgcc	tacatagacc	ttcatacatg	aacaatcata	60
gcagcttcat	tcataacagc	tccaaatggg	gagcagctca	agtgcccatc	aaggtatcct	120
gacctcctga	ccgggtccgt	gaccttggga	agctgaacac	caacccctct	tcacccagag	180
gacgacgcca	gcggcaggtc	atgggagcgc	ggccctcgcg	acggcagatg	actgaagctc	240
ggcgccctggc	tctaaccaag	ctgccccctg	agctgctggt	gcagggtgctg	agccacgtgc	300
cgccctcgcg	gttagtgacc	cgctgccggc	cagtgtgccg	ggcctggcgc	gacctggtag	360
atggcccaag	tatatggctg	ctgcaa				386

<210> 110

<211> 100

<212> DNA

<213> Mus musculus

<400> 110

gaacaacgac	cacgggaagg	ttgaaggata	atctttcta	accagcactt	tgaatgagaa	60
tttgtttctc	tgccacaaac	tgattttttt	ttttaaaaaa			100

<210> 111

<211> 506

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(506)

<223> n = A,T,C or G

<400> 111

actgagagta	aagacatttc	cacgtggaca	cctgatcatg	tgcctaccct	gactgaggct	60
ccccaggcat	ctntattgng	ggcagccgtg	ctacacgctc	aactntgagc	ccccaacagt	120
ttgcaggctc	ccagccccgg	ggtctggggc	tnggccccac	catgtcgagc	ctcggcgggtg	180
gctcccagga	cgccggtggc	agtagcagca	gcagtaacac	caatagcagc	agtggcagtg	240
gccaaaaggc	aggaggaaca	gacaaaagta	ccgcggtggc	cgccaccacg	gcgccgacct	300
ccgtggcaga	cgatgcccc	ccccctgagc	gtcggaaaca	gagcggtatc	atcagtgaac	360
ccctcaacaa	aaacctgggg	ggcttcccga	ccactctttt	nantactntt	cntttggnaa	420
gcaagtgggtg	gcggcggaaa	catgatgggg	gtggagtttt	gntgacaagg	caacggcagc	480
ccgcagcctc	cctattggcc	aatggt				506

<210> 112

<211> 100

<212> DNA

<213> Mus musculus

<400> 112

aatcgagatc	cgagatgaag	actgaacttt	ctcctcggcc	cggggcatgc	agggcaggga	60
gttgacccaa	gaagagaagc	ttcagcttcg	aaaaaaaaa			100


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<210> 113
<211> 189
<212> DNA
<213> Mus musculus

<400> 113
cgggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct      60
tcctcctcct cccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac      120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa      180
ccacccgac                                     189

<210> 114
<211> 360
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 114
taccctcaga ggccagaaga ggggtgtcaga gcccttgtaa ctggagtttg acggtcgtga      60
gctgcgcac ttcacccatgg canacgatga tccctacgga actgggcaaa tgtttcattt      120
gaacactgct ttgactcact caatatttaa tgcagaatta tattcaccag aaataccact      180
gtcaacagat ggcccatacc ttcanatntt atancaacca aaacagaggg gatttnnatt      240
ccgntatgtg tgtgaaggcc catcacacgg agggcttcgg gagcctctag tgagaagaac      300
aagaaatcct accccaggtc anaatttgcc antntntgng ggcctgcaaa gggtatccgc      360

<210> 115
<211> 375
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(375)
<223> n = A,T,C or G

<400> 115
gaaccctaag gactctgcaa tatgaataat tctntagaga acaccatctc atttgaagag      60
tncatccgag taaaggcgag gtctgtcccg caacacagga tgaaggaatt tctggactca      120
ctggcttcta agggaccaga agctcttcag gagttccagc agactgccac caccaccatg      180
gtgtaccagc aggggtgggaa ctgcatttat ncagacagca ctgaagtggc tgggtctttg      240
cttgaacttg cttgtccagt cacaaccagn gttcaaccac aaccatctgt ancaagatct      300
gatgccctct tctggagtgt ctgaagacag ctacagtgtg cttacatata ataaataaat      360
ctttaaaaaa aaaaa                                     375

<210> 116
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 116
gagccaggaa gtaatcaaga aatcaaggag tttgcatccg gntacaacgt caaggttgac      60
atgtacagna ngatctgtgt aaatggggac catcccacca                                     100

<210> 117

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<211> 412
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(412)
 <223> n = A,T,C or G

<400> 117
 gtttgtcagg atggtggata agaatatatta catcattcaa ggagaaatta acattgttgt 60
 tgggtgccatc aaacgaaatg cccgatggag caccatata ccactggatg aagaacggga 120
 tccccttctg cacagtttca gtaacctgaa agaggtctta aacagtgtga cagaccant 180
 ggatgtcaaa gagaaagaaa tggccttata aaattcattt gtgtggagaa cttgaagnta 240
 cttcggaact tgataacttt tagaaccata ctctgtttcc ctaaagaacc tcctaatttt 300
 tttaagcctg atagtgggtg tgcattgcctt taatcccagc actcaggagt cagagacagg 360
 tggatctttg atttgaggct acctggtctn cagannaagg tccaaggcca gt 412

<210> 118
 <211> 350
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 118
 gacagaggtt tacagnacag atggctgcgt ntcagtcccc tgctgtaaaa ggttctatac 60
 ctgcaacatc aacagttcag aatgttctta ttaatccatt gttaattggg tccaaaaaca 120
 ttcttattac tactaatatg gtatcacaaa atacagccga gtcagcaaat gcactgaaat 180
 gaaaacgtga agacgacgat gatgatgaag atgaagatga agatgatgat gatgatgatg 240
 atgactatga taatatgtag tctaaccacg atgcatgtaa cctgtgttct tggacttgga 300
 tccattgtac tacaatttaa aaagcatggt agatgtttta aaaaaaaaaa 350

<210> 119
 <211> 165
 <212> DNA
 <213> Mus musculus

<400> 119
 ttgagggatg gctactgtca cctgaccact aacggacttc gagctggcga catcaaaaga 60
 agcctctatt tcaatatcc aggcctgaga agcggttatct acagagagaa aggagttcca 120
 ggacagccag ggctacaaga agaaaccctg cctcaaaaaa aaaaa 165

<210> 120
 <211> 327
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(327)
 <223> n = A,T,C or G

<400> 120
 cccctaccac ttcttccata actggaagtn gcaccantaa acanntgagc cttgatcatc 60
 acaaaaaaca cgagantaca nccactgtca aagtgggtgac tagccactct gtggacaaga 120
 aaacaagtca cccaataga ggtgggtcca agaggcgga ctaanaaaac aaagcctgcc 180
 nggcgggtg tgggtggcga cgcctttagt cctggccttt gggaggcaga ggcaggcgga 240
 tttctgagtt cgaggccagc ctggtctaca gagtgagttc caggacagcc agagctacat 300
 agagaaacc tgtctcaaaa aaaaaaa 327

<210> 121
 <211> 799
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(799)
 <223> n = A,T,C or G

<400> 121

aaacaccgcc	tgagagcanc	ttaangaggc	ctacnantca	ngacacttga	tgataccaca	60
ccagntccag	gtgggagatg	caggtctcgt	ctgacgacat	cnttctgaga	atcngaance	120
ttgntaaatn	ggcncttgna	tcgngctact	naccacccac	actgctgtca	aagaanaagg	180
catntatnt	gcctttnacg	ntctagcgag	cntctganna	atnaaccnnc	ttgattgacc	240
actctcatnt	ntactctgat	agaccctcta	ataatnttgc	tcttactgct	gacgtgtggc	300
ccactantnc	ttaataatct	aatgaccttt	gtagagagaga	ggattgggtgc	tgncacagntg	360
ntagtattaa	nacaacnatn	ccagtctctg	cataaccttg	aaaaagaggt	tgacgttttag	420
ttctaagatt	agaactagta	actagaagaa	gtgggggaatg	aaagatcctg	gcagaatgta	480
aaaggacaca	gaagccctga	aattggcaag	atagacgtca	gtgttagcag	aactagcttc	540
actgatttag	aaacntagag	gtgcacaatg	ctttgggcca	ctccttgaac	ctgngngtct	600
tggcaatgtt	ctgaccaagg	tgtgtgcccc	ttggntggan	ccttnattga	agactctttc	660
ccttggaacc	cntnccatt	accccatntt	ctttggggaa	ttngnnentt	ggnttaanaa	720
tcntgggaaa	aatccccctt	aaatnttccc	cccttnttnc	nttttncccc	cccttggaan	780
ggcccttttt	aaaaaacct					799

<210> 122
 <211> 440
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(440)
 <223> n = A,T,C or G

<400> 122

gggtcccgc	acccttttga	aaacccccctt	tttgtaaaaag	ccaggcttgg	tagtggggcac	60
ctgtcatccc	agcactcagg	aggcagggtc	aggaggatta	cagggtcaaa	gccagtctgg	120
tctatattag	aaaaagaaaa	ctgtcctttt	gctaaagaaa	aattaaatga	atttttaggg	180
ctgaaatctg	tgggtaagat	ggagtctgga	gctttcctct	tggaacagtt	aaccgaagac	240
cctcatgggc	aaggacatcc	gcttgactcc	ccactcacca	tcaggccaca	cttttaaaga	300
aaaattgttc	tctaaccagg	attgtaacaa	atgtgtaaat	agtatttctg	agttgaaagt	360
cgatgggtga	aatatgtata	taacgtactg	nattttttaca	atgatcgtcg	catggctctc	420
cacccctttt	tggactcaag					440

<210> 123
 <211> 435
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(435)
 <223> n = A,T,C or G

<400> 123

cttcccttgt	cgctgctgaa	gacagcgag	aatcacccca	tggttaagcac	tctggggccac	60
ctcccttcat	gtgcccacag	ctcagtcttt	tgcagntcat	gattgaaggc	ctggcaagat	120
ggctcaatgg	gtaaagggtg	ttgctgcccc	gccgaaggac	ctgagttcaa	tccccaggac	180
ccatgtgatg	atggaggggt	ncatgacttc	cctgaagntg	ttctctgccc	tgtntgcaca	240
cagacagaat	ggcaaagtga	atacaaagga	aaacgttcac	aaagaaatct	atagccgggc	300
atgggtggtg	acgcctttta	tccccgcact	tgggaggcag	aggcaggcga	atttctgagt	360

tcgaggccan cctggtctac aaagtgagtg ccangacagc cagggctaca cagagaaacc	420
ctgtctcaaa aaaaa	435

<210> 124
 <211> 204
 <212> DNA
 <213> Mus musculus

<400> 124	
aggagcacat gaaggataag gataaggacc gggaaaagtc taagcatagc aacagtgaac	60
ataaagattc tgaaaagaaa cacaaagaga aagagaaaac caaacacaaa gatggcagct	120
cagaaaaaca taaagacaaa cataaagaca gagacaagga aagacgaaag gaggaaaaga	180
ttagagctgc tggggatgca aaaa	204

<210> 125
 <211> 292
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(292)
 <223> n = A,T,C or G

<400> 125	
gggttccaag actgcccttt ggtattcaaa cgggagccgc tttggactga ctggctgcct	60
tcctcctcct cccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac	120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa	180
ccaccaccca tgtggtngcn gggantcgaa ctnaggancn ncataatagc acncanggct	240
cnaaatnnet tgagccntct cttcnnnctn tctgnattcc ttgttatggc at	292

<210> 126
 <211> 175
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(175)
 <223> n = A,T,C or G

<400> 126	
ggttccaaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt	60
cctcctcctc cccctcctcc cccttctgct tcanatttat ttattatatg taagtacact	120
gtancagttg taggacacac tagacgaggg caccagatct cattgtgggt ggttg	175

<210> 127
 <211> 158
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 127	
tgcccttttg gattcaaacg ggagccgctt tggactgact gnctgncttn ctccctcctn	60
ccctcctncc ccttctgctt nanatttatt natnatatgt aagtacactg tancagttgt	120
aggacacact agacganggc accagatctc attgtggg	158

<210> 128
 <211> 283

<212> DNA

<213> Mus musculus

<400> 128

actgtactga	ctgctggtga	gactgctgca	atggctcgtc	agtgtacccc	gctcctccag	60
cagccagcgc	actgcctcaa	taccctcgtt	caaggtcacc	agctgctgca	ggatcttcac	120
atcgatagct	cgcaggcact	ctggagggtg	aaggaagagg	atcagaagtt	caaggccatt	180
ctcagctatg	ttggcagttc	aagaccagcc	ggagcttcat	gaaaccctgt	tttaaaatta	240
atgaaataaa	ataataaaat	aaaacaagat	ttaaaaaaaa	aaa		283

<210> 129

<211> 176

<212> DNA

<213> Mus musculus

<400> 129

ggttccaaga	ctgccctttg	gtattcaaac	gggagccgct	ttggactgac	tggtgcctt	60
cctcctcctc	cccctcctcc	cccttctgct	tcagatttat	ttattatatg	taagtacact	120
gtagcagttg	taggacacac	tagacgaggg	caccagatct	cattgtgggt	ggttgt	176

<210> 130

<211> 156

<212> DNA

<213> Mus musculus

<400> 130

ggtttcttct	ctgtgtagcc	ctggctgtcc	tggaactcac	tctgtagacc	atgctggcct	60
cgaactcaga	aatcctcctc	gtgtgccacc	acttcccggc	cgggtcatag	cttttttaac	120
ctttaataaa	agagcttttg	ttgggaaaaa	aaaaaa			156

<210> 131

<211> 251

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(251)

<223> n = A,T,C or G

<400> 131

ggagttccaa	tgaattcact	caggtttctc	tttgaaggtc	agagaattgc	tgataatcat	60
actccgaaag	aantgngnnt	ganaaagtat	ganggctgga	gagatgggtc	agnanntaan	120
ancactgact	gctcttctgg	aggttcaatt	cccagcaacc	acatggnggc	ttataaccat	180
atataatgga	gnctgatgca	ctctcctggg	tgtgtgnctg	aagacagcta	cagtgtactc	240
atataaatat	a					251

<210> 132

<211> 220

<212> DNA

<213> Mus musculus

<400> 132

gatcacttca	tggatttgcc	tcacgtacct	atgtttgtta	atttcctgtg	tcgttcccaa	60
gatcacgtaa	aaccctctga	gcattattga	cctccctccc	agcaaccaca	tggtggctca	120
caaccacctg	taacagagat	ctgatgccct	cttctgggtg	gtctgaagac	agctacagtg	180
tacttacata	taataaataa	ataaatctta	aaaaaaaaaa			220

<210> 133

<211> 269

<212> DNA

<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(269)
<223> n = A,T,C or G

<400> 133
ggtgcatgat gagttcattg ttgcagntgt acacgactca ctcatgaaaa ggatgtcaga      60
gaccccattha cagatgggtg tgagccacca tgtggntgct ggaattgaac tcaggacctn      120
tggaccttaa cctctgagcc atctccccag ccccaaaaca ccaaatagact ctaccaaatac      180
atcaagaaga gaattcctct ggcttcgggt caaggtccat gcttggtcac ctctggatat      240
taaattggcg ataattccaa aaaaaaaaaa      269

<210> 134
<211> 322
<212> DNA
<213> Mus musculus

<400> 134
gttgggttaa cggcatggag aacagtcacc cccaccacca ccaccagcag cccccgccgc      60
agcccgcccc ttcgggagag aggaggaacc accattggag aagttacaag ttgatgattg      120
acccggctct gaaaaagggg caccataaac tgtaccgcta cgatgggcag catttcagcc      180
tggccgtgag tagccggcgc gccttcccgc cacccccacc cacccccggg ggagccccca      240
gacaagaggc gaacggaggg ggacccctct tccaggacag ccagggctat acagagaaac      300
cctgtctcca aaggaaaaaa aa      322

<210> 135
<211> 186
<212> DNA
<213> Mus musculus

<400> 135
ggttccaaga ctgccctttg gtattcaaac gggagccgct ttggactgac tggctgcctt      60
cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact      120
gtagcagttg taggacacac tagacgaggg caccagatct cattgtgggt ggttgtgaac      180
caccca      186

<210> 136
<211> 406
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 136
gtctactaac ccaactctac tgaactggcc tgcccctgta tgcatagaat gtctctgcga      60
gtggatcgag ctggcagtcg ctgctgacct gtgaactgaa ctgctgggtt ccagacaaca      120
cagatgggag ttgctccaaa gaacctttct gaacatgtac acttcccccg tatectttct      180
tttctactat ctacaggtggg tggngggcta taaggagggt taagacattt aagaaccgtc      240
attaaaaata aggattgagg ggctggtaag atggctctgc aggtgagagc actgactgct      300
tttncgaagg tcctgagttc aaatcccanc aatnacacgg tggctcacia ccactctgtaa      360
tgggatctgn annccctnaa tctggtcntt tgaagacagc ttacaa      406

<210> 137
<211> 490
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(490)

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<223> n = A,T,C or G

<400> 137
gaagctgcag tgcttggttc gggctentatg ttcaggggac cantatttag ataaagaaga 60
aaatagcaaa attatggatg ttgtgttcca gtggcttaca acaggagaca tccacctcaa 120
ccagatcgat gctgaggacc cagaggtnng agactgcac atagaaatgg angatggctc 180
annttcttag aaccatttnc aaagggacag anagatctnt ttcaactcac ccctaanacn 240
nttggaanac agnttgga nntggctcat aggctaaaaa tactggctgt tcntccagaa 300
ggcccaacaa ccacatggtg gnttacaacc atcctttang ggatcctggg ccctctttng 360
ggggggcccc cgtctnttaa tttaaatnan cgggtttttt ttnttgtttc cggggggngg 420
gcnccctc cccttggaac ttntttnncc tnanttgaac nttttttctt ttggaaaagg 480
gcccccttg 490

<210> 138

<211> 290

<212> DNA

<213> Mus musculus

<400> 138
ggttccatgg tgacggccac acccaccctg ctgcccgcag atgtcatgcg ggtcacctca 60
ctccagggtt ggggatgaga ccttaaacc tggattcaag aaagagacca gaggactgga 120
gagatggctc agtgggttaag agtaccacag gaaggctctg agttcaaacc ccagcaacaa 180
catggtggct cacaaccacc cataatgaga tctgccgccc tcttctgggt tgtctgaaga 240
ctgctacagt gtacttatac acataaataa aatcttttta aaaagaaaaa 290

<210> 139

<211> 256

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(256)

<223> n = A,T,C or G

<400> 139
ggttccaaga ctgcccttcg gtattcaaac gggagccgct ttggactgac tggctgcctt 60
cctcctctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact 120
gtagcagttg taggacacac tagacgagg caccaggctt cattgtgggt ggttgtgaac 180
caccaccat gtggttgctg ggatttgaac tcaggatctt canaagagca ntcagggntc 240
taaaccgctg agccat 256

<210> 140

<211> 327

<212> DNA

<213> Mus musculus

<400> 140
gtctccatat gctcagtcaa atctccataa ctgtaaatca acactaagag cactggatag 60
ttaagggtcaa ggagactctc acaaaggatc cagaagggtg agtccagatt aagggtgtgtt 120
ccaccacacc tttaatcccg gatgacctg aactcggaga tttaatcttc tggaatccat 180
agccactatg cctcaagatc tccataccaa gatccagatc agaatcttct atctccaagc 240
ctccagataa gggtagcttg tgagccttcc aattctggat tgtagtccat tccaaataaa 300
atcaagttga caaccagaaa aaaaaaa 327

<210> 141

<211> 301

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(301)

<223> n = A,T,C or G

<400> 141

tccaagactg	ccctttggga	ttcaaacggg	agccgntttg	gactgactgg	ctgccttact	60
gtccctcccc	ctcctncccc	ttctgcttca	gatntatnta	ttatatgtaa	gtacactgta	120
gcagttgtag	gacacactag	acnagggcac	cagatctcat	tgtgggtggt	tgcaaacnna	180
ngacannnta	gacganggca	ccagancctca	ttntgggngg	angagcatnc	anggctctna	240
accgctnagc	natntntcca	gnctcctgca	ttnccttctta	aggcatgaat	gatccagcat	300
a						301

<210> 142

<211> 141

<212> DNA

<213> Mus musculus

<400> 142

gccactcgca	aacgacctgt	cttctcagcg	tctctctctc	tctgtttctc	actctgtcct	60
ctctctgtct	ctatcctata	ctaacttggt	tcaaattgga	agtgaggata	tgtattgccc	120
aagggattaa	ataaacaaaa	a				141

<210> 143

<211> 349

<212> DNA

<213> Mus musculus

<400> 143

gtgagcccta	tttctagaga	cagctgctgc	tgaccctgta	actcaaagga	caaactagct	60
ggctaaactc	attcttggta	ctgggtgttg	attattctag	aggttggata	tgagcctagg	120
tggcctgctg	gcctaggagg	aggattgagg	tcactttctt	gcagttgcct	ttaagaatgt	180
gtggaatcgg	ggctgggtgag	atggctcagt	gggtaagagc	acccgactgc	tcttccaaag	240
gtccgaagtt	caaatcccaa	gcaaccacat	ggtggctcac	aaccatccgt	aatgagatct	300
tgactccctc	tttttggagg	gtctgaaaac	aagctacagt	tgctcttac		349

<210> 144

<211> 238

<212> DNA

<213> Mus musculus

<400> 144

cctgaaacct	ggctgctcag	gtttcactgt	tatcggggaag	agagcatgtg	gtggagcctg	60
ccgccctatc	attctgccac	tcccactgct	gctgcctgct	gcctagctgt	tccggagcca	120
aacacgtggt	cacctgcaac	tggactcgta	ggatgatttg	gcaggaatgg	gccccttccc	180
cttcttcata	accagtgctc	tggaatagta	aaatcgaacc	ttgatcagaa	aaaaaaaa	238

<210> 145

<211> 304

<212> DNA

<213> Mus musculus

<400> 145

ggagaaactc	actcgccaaa	caacgtctcg	tggtatcctg	gctgactctg	gccgcttcag	60
cagagcctgg	ctgttcctgc	tggattgtgc	tactgctaca	gattcatggt	tggtgtttgc	120
tattgaactg	ggctgcttat	atcctgacac	ggaagagtgg	aatcgcccaa	agcaagtact	180
tctaatacagg	tccacaactc	cctttgcctt	taaccttgct	ttttccctac	ctctgggttg	240
tgggctaata	gggaggggta	agaaccccaa	ataaagtcag	ttttgaaaaa	cctaaaaaaa	300
aaaa						304

<210> 146

<211> 250

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(250)
 <223> n = A,T,C or G

<400> 146
 gaccttggtg gaagaagtgt gtcattgtgg tcatggactt taagacctgc ancctagctn 60
 cctggaagcc aatctttacc tagccgcctn tgaaacagct cctnctgcac catgcctgnc 120
 tggacgctgn catgcttcnc cttgatgata atggactgaa tctntgaacc tgggcaaaga 180
 gccnatgggg agaagagaat ctt nangctc tgancatcca ggagggtgaa gatgttacca 240
 tgaactgcag 250

<210> 147
 <211> 334
 <212> DNA
 <213> Mus musculus

<400> 147
 atctaaaaaa actcaaagca atgtccctaa gaagccactt gaaaattcct agatggcctg 60
 ggagtttagaa gcatgaaaca cagcctcaaa accaaaacca aaaagcgggc tacaggtata 120
 aaatgagtgt taaagaagtt tgaaataggg ctggtgagat ggctcagtgg gtaagagccg 180
 actgctcttc cgaagggtccg aagttcaaat cccagcaacc acatgggtggc tcacaaccac 240
 ccataatgag atctgatgcc ctcttctggt gcggctgaag acagctacag tgtacttaca 300
 tataataaat aaataaatct tttaaaaaaa aaaa 334

<210> 148
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 148
 gggtccaaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt 60
 cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact 120
 tgtagcagtt gtaggacaca ctagaccgag ggcaccagat ctcattggtg ggggtggggt 180
 gg 182

<210> 149
 <211> 337
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 149
 gtgctgggat tgcaggcatg tggccactgt gacagggttc ctgtgctgtg ccgaggcccg 60
 ggcccagcgc ctcgtagcaca ctagagaaaa ttctgcatac tgacccacat cccagctct 120
 acccgtgtat atttctagtc attctttaaa cccaagcaaa tgtgtagagt ctccctatgct 180
 gagatgtttt ttgccactac cagacatgta ggctatcatt tgacgtcttt attccctgag 240
 agaaaacttc ttttctgtat ttatgaactt tattattgag aatcactgnt aacctttctg 300
 ccaaattaaa gacacttgtg tctctgttta cacggac 337

<210> 150
 <211> 377
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(377)
 <223> n = A,T,C or G

<210> 154
 <211> 582
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(582)
 <223> n = A,T,C or G

<400> 154
 agctgtttcc caagccgaag ttagagttct cctccagtcg tctggaccaa ggggagttgt 60
 tggacctgnc ctgctccgac tcgggcacac ctgtagccaa cttcaccatc cagaaggaag 120
 agacgggtctt gtcgcagtat cagaatttca gcaagatcgc cgaggagagt gacagcgggg 180
 agtacagctg tactgcaggc atcggc aaag tggtaagag aagcggcctg gtaccgatcc 240
 aggtgtgcga aatgctctcg aagcccagta tttttcatga tgccaagtct gagatcataa 300
 aaggacatgc cataggcac cagctgccagt ccgaaaatgg aactgcaccc atcacttacc 360
 accttatgaa agcaaagagt gacttccaga ctctcgaggt gacctccaat gaccagcaa 420
 cattcacaga taagcccacc agagacatgg aataccagtg cagagcggat aattgccatg 480
 gctccggtag gtccagagtt caaatccan caaccacatg gtggctcaca accatccgta 540
 acnagatctg actccctent ctgggagtg cctgaagaca gc 582

<210> 155
 <211> 258
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(258)
 <223> n = A,T,C or G

<400> 155
 cctctacata cgagacagct ctgacaggct gagataggaa tgcctttttt tgntatctat 60
 tttttttaat gtttttatta ggnattttct tcntttacat ttccatgagc tatcccaaaa 120
 gtcccccaat nccccctccc caggaatgcc ttttngtggc caanaatctn gntgggnnct 180
 gttagtgtna tgattntatn cactgtaaag atatggctct gtattttcttg catgcctaaa 240
 gcaccttctg attgatta 258

<210> 156
 <211> 275
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 156
 aagggagacc ctactcaag cactcaagnc nnggnaengc cgcggaccca ngangacnct 60
 gagaccgtac tcgaaatgta taangagata gctctaant tanagcgagt nntcnacctn 120
 ctganggacc cgatattggt gncttagtac catanectgg actgcgttta tcctttttct 180
 aatanaagct actaacttat taaggatgca gggcccaaaa gtaagcnaaa gcatnagtgg 240
 aatttaaagg tcctgntata ttggaaagga aagtg 275

<210> 157
 <211> 288
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(288)
<223> n = A,T,C or G

<400> 157
gactgagatg atggatcaca tgggtggtga tgaggatgta gatttaccag aagtagatgg 60
agcangatga tgattcacia gacagtgatg atgaaaagat gccagatctg gagtaagggc 120
tggtgtcatc gcttgattt tgagaaagga aaataacttc tgcaagattt cacaattgag 180
aaaaccctg agtcgatagc tctaaaggca gatatgctgt acttgcctcc tctaaccag 240
ttgtcaacct ttttttttct ttttcttttt tttctttttt tttttttg 288

<210> 158
<211> 190
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 158
gaactgaggg agcccgaacc tcagctgnca tggcgtcaca gcatngggct gcgcatgcat 60
gctcatgcgg gagcaggccc agcaggagga gcatgcgaga gcgcatgcan nagcaggctg 120
tcatgcatta tatgcaacag cagcagcanc agcagcagca gctgggtggg cccccaccc 180
cagacatcaa 190

<210> 159
<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 159
ggtgtcccat aggtctccgt gcgactagga ggggcagnng tggcggcggt ggcagcagcg 60
gcagcggcgg cggcggcagc agcagcagca gcagctagca acctggctcag ggtacgctct 120
ccatccacag agatgagccg tcaggctgct acagcattat ccactggcac ctcaaagtgt 180
ccaccatccc agagggtacc tgccttgact gacacaactg catgca 226

<210> 160
<211> 401
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(401)
<223> n = A,T,C or G

<400> 160
gactgaggcc tgaagggaaa gatttcagca ttcacggtg tgcctgggt aagctgaaca 60
aagtctggtt tttgttgtgt gtggnntttc cttccttctt ttctttttct ttctttcctt 120
ttttctttct ttcttttttt aaacttgga ccaccaagtt gtaaagatgt atgtttttac 180
ctggcagttg ttccactggt gaactgtcaa gttgagaaan agtggattgc tagnttgtgt 240
tngnttttaa nattaaatta atccttgata aaagttgctt ttttangggg tagnccttga 300
ccactatagt ttgatgccat ctccattttg gttgacctgt ctcaccatca ggcctgntac 360
tctccatgac taactgngta agtgcttata atggaataaa t 401

<210> 161
<211> 100

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 161
gacttcagga tgcattngac agtgactgng aaactggngag gatcatgccn aacaattatn 60
aaaatggaaa ntacagtgcac taccaggaaa cataaaaaaa 100

<210> 162
<211> 195
<212> DNA
<213> Mus musculus

<400> 162
gaactgaggt gaagcactgg tggaaggaaa agaacacgca ggagcgacca gggactgagc 60
gagtggaggt gaccggagca agaagagggtc ctaaaaattc aattcccaac aaccacatga 120
aggctcacia ccatctgtac agctacaagt gtactcacat acataaaata atgaataaat 180
aatatattag aatga 195

<210> 163
<211> 216
<212> DNA
<213> Mus musculus

<400> 163
gactgagact ctcagcgttc tcattctctcc tccttcacca tgaagctgat ggacaaattc 60
cactctccca aaatcaaggt gagatgggtc agcaggtaag agcacccgac tgctcttccg 120
aaggtcctga gttcaaattc cagcaaccac atgggtggatc acaaccatcc ctaacgagat 180
ctgactccct cttctgggtgt gtctgaagac agctag 216

<210> 164
<211> 348
<212> DNA
<213> Mus musculus

<400> 164
cttcaagaag ctctactgcc tgagggccac tggctggaag aaccaatttc tcttacacag 60
gttccaggtg tgcattgtcg gcattccctgt ggggtgttgt ggtcggctgt ctgtccatgc 120
tgctataccc cagtgtgtc tttgatccag tcccgaacta cagggagcct tgtgtacacg 180
cctggcttgt tcctctgagc gcagccttca cccagctca ccacaccagc ctggaacatt 240
cgcccatctt tctccgcgt tgacaagggg ccaccagagt caccctacgc aaaataaata 300
aataaataaa taaataaata aataaataaa atacccgaaa aaaaaaaa 348

<210> 165
<211> 448
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 165
gactgagcta cggagtcaag gccaaagtga ggggaccagt gcggcctgtg atgactgaag 60
ccaccagcgt ctcagtgttg gacgtttcca gtgtgtgtct gacgattcga gcacacgtgt 120
gcacacacac ggacggacac acacagacac acacacacac atattctcac acacttatgc 180
gtgtgtgaat atgtgtgtgg atgtctgtag ctgtatgtaa agcacatatg gctacaggtc 240
tagatacaca catgagtgtg tatatatatg tatgtccatg ctagatacac acacgagtgt 300

atatatatgt atgtacatgc tagatgcaca catgagtgtata tatatatgtata tgtacatgta	360
aagatcgaag ggagcagggc gttttctcca aagtactgga cctggcttta accaaaattc	420
ttaaggaaaa tntttcaata taaaaccc	448

<210> 166
 <211> 462
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(462)
 <223> n = A,T,C or G

<400> 166		
ctgagccagc aagcacatct gttggagcct acttcttcag gattacagtt tatacacgaa	60	
gaccagctga aacacccaga ctgcagactc acgcccactg gaagcctacc tcttcaggat	120	
tgcagtttat acagagggcc agctgaaaca cctagcctcg tggaaactaga ctcttgact	180	
tcccatttac agctgtccat tgttggnncc tgtttccang tccctgcatg gggtactgtc	240	
ccgantnccc ttaaggatat gctgtgatat ngcatngtng gccanataaa ccttttcctg	300	
accaatntgc anatagntgn nctagtctct nacttcctct ttggtctggc tgttgatta	360	
tggtccacag tgaggaccan acnnagacac agtgaaaggc tacttntctg ctggaanggg	420	
acatggtgtg gtgggtcann tgggggcatc ctttgtttcc ca	462	

<210> 167
 <211> 391
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 167		
ctgcttcagc aggatggagc atcantgaga tggntcagca ggaacgcaag cagcagcagg	60	
agctgcgctt ggccttgaag caggagcgcc gggctcaggc acagcagggc catcggccat	120	
acttcctgaa gaaatctgag cagcggcagc tggccttgcc tgagaagttc aaggagctga	180	
gacgcagcaa gaagctggag agtttcctga gtcgaaagag gcggcggaac gcaggcaagg	240	
acaggaggca cctcccgtg agcaaggagt agtaagaact gtcccaggag acctggatct	300	
gtgggaacgg ggcttggtt gcccggtctt ggatctttnc cttgctcaaa aatgagcttg	360	
atgactacca ctggcctaag ctgacttggg a	391	

<210> 168
 <211> 574
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(574)
 <223> n = A,T,C or G

<400> 168		
aagacggatg ctccccattc tgatgtgaag gatgangaag ggacnagnaga anagnncncc	60	
ncnnnnnttta nacngactan canganaanc ttgaagagaa acacnngagt gatgctgaag	120	
aagatggtgt tactggcagt caagatgagg aagatagcaa gcctaaagca gaggaggatg	180	
aaattttgaa cagatcgcca agaaacagaa agccacgaag agagtgaac aatctttaag	240	
aacttgatct gtgatttcct ctccctcccc ttcccctgca aatgtgggtcc taggagaggg	300	
cctggtgtac cttangtggg agctcaaaac ctcaagatgt caccatcaac aggttccagt	360	
gaatactagc ctgtaatttt aaacatctag cagtaaataa ttgcagttgt aatgtaaagg	420	
accctgtttc tgtagaaagg aaaacattta acataatggt tngngaaatgt accatgaaac	480	
actaactagn gttttggttg nttttaaaan ttttccaggg nggctttttt tttttttccc	540	

ttttcccttt tttttttttt ttttttaaaa aaaa

574

<210> 169
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 169
actcactatg aagccnnaga tgaccttgaa cttctgatcc tctcacctcc atccctgagt 60
gctgggactg ctggtatgtg ccggttatgng tgtgctgttg ggagattgan ctcaaggcct 120
ctcccatgct atgcaagcac cctaccaact gagctatatc cccagccttc ccaccttana 180
gnggtatatt gtactgagga tta 203

<210> 170
<211> 270
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G

<400> 170
gactgagatt ctcacaaaca caaagataaa cacaaagatc gagaacaccg gcataaagga 60
gcacaagaag gataaggata aggaccggga aaagtctaag catagcaaca gtgaacatan 120
agattctgaa aagaaacaca cagagaaaga gaaaaccaa cacaatagat ggcagctcac 180
gaaaaacata angacaaaca taaagacaga gacaaggaaa gacgaaagga ggaaaagatt 240
agagctgctg gggatgctaa aataaaaaaa 270

<210> 171
<211> 342
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G

<400> 171
ctgagagaga ttcagcctca aagacatcaa agccataaga cactatgtgt aagggtcaatg 60
ggatcttttg gaacaaaact gattcggaaa agacacctca tcttatggga gctgggcctc 120
tgtgtcacct ggaagagcaa acacatcatt taagaatcca tatgccaaca aggttttgct 180
gaaaggaccc cgatatagct gtcttggtgtg aggtatgcc agtgcctgnc aaatacagaa 240
gnggatgctc acagtcattc attggatgga acacagggcc cccaatggag gagctngaga 300
aagcacccaa ggagctgaag ggggtctacaa ccctattggt tg 342

<210> 172
<211> 331
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 172						60
actgaggtga	ctccannгаа	tgggtcattc	catctccana	ggggtagnnn	acccaccagc	120
tgaaaactgc	tttactaaat	tgggtctgcat	ggctggccta	caattcaaag	atctgcctgt	180
ttctgcctcc	cgagngccgg	gatttaaagg	catgtgttgg	gctggagaga	tggctcaacg	240
gttaagagca	cagactgctc	ttccagaggt	cgtgagattc	tgactccttc	ctcangcatc	300
ctgataaaga	tgttcgttta	ctgggtggctt	gctgccttgc	tgatattttc	aggatttatg	331
ctcctgaggc	tccttacacg	tcgtgagatc	c			

<210> 173
 <211> 353
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(353)
 <223> n = A,T,C or G

<400> 173						60
tcaaacggga	gccgcttngg	actgactgnc	tgccttcctc	ctnctcccc	tcctccccct	120
tctgcttcag	atattattat	tatatgtaag	tacactgtag	cagttgtagg	acacactaga	180
cgagggcacc	agatctcatt	gtgggtgggt	gtgaaccacc	caccatgtgg	tngntgggat	240
tngantcan	gatctttana	agagcagtcn	gggntctaaa	cngctgagcc	atntttccag	300
netcctgcat	ttcttcttaa	ggcatgaaat	gatcncanaa	tggnacgaca	gtcttgnntt	353
nttttccttt	ttagaanaa	ttttttccct	ttttncactc	attatactgt	att	

<210> 174
 <211> 327
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(327)
 <223> n = A,T,C or G

<400> 174						60
tgagatcaac	ttgtgataat	gctgccattg	agagaaactc	acccaacagc	tgctcatgag	120
gtcctgcaga	agtngcctct	tccattgcct	tgcctcagga	tggntggtaa	acctggcnat	180
tncttcanga	ttgaactaca	gctgcctggn	gtctgcctgc	caagaggact	ggtctgcagc	240
tgctgaattg	tatttgatgt	ttgctacagg	actgacctgc	tgcccaagaa	gatcaagctt	300
gcccccaaag	aactactgat	gaacaggctc	acttccccta	tatcctaata	aattttctct	327
tctactacct	ttgatgggta	gtgggct				

<210> 175
 <211> 235
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(235)
 <223> n = A,T,C or G

<400> 175						60
actgagaaag	tctcgggctg	gtgagatggc	tcagtgggta	agagcaccgc	actgctcttc	120
cgaaggtccg	aagttcaa	cccagcaacc	acatgggtggc	tcacaaccat	ccgtgagatg	180
ccaggacttg	gaaggtggan	nccaaactgg	ntcctgaaca	aacagaagga	tgtgagngat	235
gggaagttca	nccaggntct	ggccaacggt	ctagacaaca	agctgcgtga	gatga	

<210> 176
 <211> 325
 <212> DNA

<220>
 <221> misc_feature
 <222> (1)...(287)
 <223> n = A,T,C or G

<400> 180
 agactgagag agaagcctgc cgatgaatgt ctctgtggaat tccanccgat tcttcccact 60
 tncgatgggt naanccaccg ntactgattc ncatttggng tnnctatng gactgaacct 120
 gctgatatcc tgacatgaag cttagagtcg atctaaagaa ctacttctaa acagggtccac 180
 aatgcccttg ncctagtaac cgtatctntc ccctacctct ggtcgggtgct ctagaaggga 240
 gattgatgca ttgaagaacc ccaaataaaa taggctttga aaaatca 287

<210> 181
 <211> 273
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(273)
 <223> n = A,T,C or G

<400> 181
 tatttgcact taacagcaac ctcagcttnt tgccaggcgg ngagtaccaa gagctgctgt 60
 ggagtgcaga tgctgacagg aagcagcagt gcagcttcaa gggcaaggac ccaaagggtga 120
 gactgaggga tctgggcaga acactgagca gatatggctg ttatgggaag gacacagtct 180
 ggacatcgcc agcactgggc ttcagcccca gccccagccc cagccccagc cctgtcctnt 240
 atngnatect ggataaatag attcatctgg tca 273

<210> 182
 <211> 453
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(453)
 <223> n = A,T,C or G

<400> 182
 ttaccttaaa gatctncctg ttttgcctgc cgagngtcct attannggct gctccatcac 60
 accagggatg gcaagatgcc ttcnagggtg atagcactga ctgctcttcc naagggtgcct 120
 gagttcanat cccagcanc ccatggncgc tcaanaccat ctttaatgag atctgatgcc 180
 tgtttctggt gtgtngtgac aacagctact ncgtacttat atatnacnaa tggatatctc 240
 tttcaagttt tacctgccaa agttacacat gaaggggaca ctgtgggaga ngagtctgtc 300
 tcctgcanaa tgtctctaan aagcccaggt ttctccttaa cctangaacc ctgcagctgt 360
 aggacccana agtgggggtct cttctctata ctaactatct taacccttat ctcttgccca 420
 ctgaatatta aataaaatat cattagttaa tcc 453

<210> 183
 <211> 308
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(308)
 <223> n = A,T,C or G

<400> 183
 gcctccagga tccagtccgg ctgtgcggtt gcctgactct gttcaagttg naggcttggg 60
 aggaactgan tggtaggtca aggttcttat cttttttcca tgctaagggc tgtaccactg 120
 ccaaagggtta ngaaaagata agaggggctg gcgagatggc tcaacgggta agagcaccgc 180

```

actgctcttc cgaaggtcct gagttcaaat cccagcaacc acatgggggc tcacaaccat    240
ctatnangag atctgactcn ctcttctnga ntgtntgaag acagctacag tgtacttaca    300
tataataa                                     308

```

```
<210> 184
<211> 440
<212> DNA
<213> Mus musculus
```

<400> 184							
agactgagaa	aggccaactt	ccatcaatgg	gtggatgnnn	cntgggactn	tgctncacga		60
ntgcntgggc	tgatagagcc	tnanattcaa	nntggctcat	tntaccctat	ggaaagagga		120
ggtggagtgn	gagagccaat	tgnaatggaa	nacagngagg	aaacaaaggc	cttcnagaca		180
caanaggact	gctgagctca	caaagactga	ggcagcaccc	tcaggacctg	cacaggtcta		240
agcttgatgc	gatctgagta	ctgagagggc	aactggacac	aattctatat	tgataaccca		300
gaagctttct	ccagttgata	aactctttca	aaggaaaaac	ttgttttcta	ccatggagtg		360
acactggata	tngaaacctt	cccgttaaca	ggcagacttc	catgggctca	agacttccaa		420
tacaatatga	actcagttgc						440

```
<210> 185
<211> 207
<212> DNA
<213> Mus musculus
```

```
<210> 186
<211> 318
<212> DNA
<213> Mus musculus
```

```
<210> 187
<211> 438
<212> DNA
<213> Mus musculus
```

<400>	187						
tccagactga	gaaaangaga	agaaatggca	gngggttgatg	acaaccaccc	ntcntcccca		60
aaccaaag	ancaggnagg	aaccccntct	tccaggactc	ctgggacaca	gagtcttcaa		120
gcagcgacag	tggtgggagc	agcagcagca	gcagcatcaa	cagcccagac	agggccagtg		180
ggccagagag	cagcctgagc	cacaccatcc	ccggatcctg	cccagcaoc	cccagccga		240

tgctgagca	gtctggcact	atgcccgaag	gcccttactt	tccacatcaa	ccagaccctt	300
gaangaggct	cactttcata	agcctacagc	acccgangcc	ggcccgcga	catgatgctc	360
cttccggcaa	gtttcttgcc	ttctgtgaan	ggacaagcac	tgtgcaaat	ggatatttca	420
acttaatgat	ttggtttt					438

<210> 188
 <211> 357
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 188						60
agactgaggg	agatcataga	caacacaagc	aaagagaacg	ggatcgacat	catcctggcc	120
gacaggacct	tccatctcat	cgcggagtcc	cccgaagatg	ccagccaatg	gttcagcgtg	180
ctgagtcagg	tccactcgtc	cacagaccag	gagatcagag	aaatgcatga	tgagcaggca	240
aacccccaga	atgctgtgag	gtgctggaga	gatggctcag	cagttaagag	cactgactgc	300
tcttccgaag	gtcctgagtt	caaattccag	caaccacatg	gtggctcaca	accatccgta	357
acaagatctg	atgacnccct	cttntggagt	atgcttacag	ctacagggta	cttacat	

<210> 189
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 189						60
gagcacggca	gtggtgaccc	aacagctggt	gtctaagccc	agccgggaga	ccccgagggc	100
canggccttg	tcgtgttagc	accgcagatc	ggaaaaaaaa			

<210> 190
 <211> 361
 <212> DNA
 <213> Mus musculus

<400> 190						60
agactgaggg	agaagagatg	ggtgactgtg	ggtgatacct	ccctgaggat	attcaaattg	120
gtgcctgtga	cagatagcaa	ggagtgtacc	atattcatgc	ctggtgcccc	ggaagggtcag	180
aagagggctt	cagatccctc	agaactggag	tcctggatgg	ctgagtcacc	atcgagggtac	240
tggaaatcaa	atccagatcc	tctgaaagag	cagcagacac	tccttagctg	cagaaccatc	300
tctccagctc	ctccacagtt	taaaaatatt	atgtattttt	atcttatggt	catgtgtggt	360
ttgcctgcag	aggccaaaaa	tacatatctg	ttctcgtgga	actcgaatta	caaaaaaaaaa	361
a						

<210> 191
 <211> 241
 <212> DNA
 <213> Mus musculus

<400> 191						60
cgaagaaatg	ctgtacgtgc	ccttaaatca	ctctctaaga	aataccgctt	agaagtggga	120
atccaagcta	tggaacatct	tatccatggt	ttacaaacag	atcgggtcctg	agttcaaata	180
ccagcaacca	catgggtggct	cataaccatc	cgtaacgaaa	tctgatgccc	tcttctggaa	240
tgtctgaaga	cagctacagt	gtaattatat	atagtaaata	aataaatatt	tttaaaaaat	241
g						

<210> 192
 <211> 262
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(262)
 <223> n = A,T,C or G

<400> 192
 cttttccctg gtcccangac ttnccccaccc ctctccaaa taccaagact atgggcttaa 60
 aantttcaaa tggngctgg agagatggnt catcnagtta agagcacga ctgctctttc 120
 taaggctctg agttcaaata ccancancca tatngnggct cacaaccatc tgtaatgnaa 180
 nctgatgccc tcttctgntg tgtctgaaga cagctacagt gtactcacat atattaaata 240
 aataattctt taaaaaaaaa aa 262

<210> 193
 <211> 224
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(224)
 <223> n = A,T,C or G

<400> 193
 tgaggctccgc atagccgcta aattcatcac ccatgcaccc ccaggggagt ttaatgaagt 60
 attcaatgtt ccaaccctgg gacagccctg aggtgctgaa caaggagat tgctgcaagc 120
 tccattacaa cctggacgaa aggntgtctc aaaactnaaa tgaantgaat agaaccggn 180
 cgggggcggt gcacccttt attcccacca cttgggaggg acag 224

<210> 194
 <211> 402
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 194
 ctgaaggcag ttacattcg gagttccgcg gactcttcan aggctgtaaa aatgccggag 60
 tcacgaaagc ctgcaaagag ctgttgcttg ccttgctgct gctgctgcta ctgccgtccc 120
 tgcccgtgct gcagctgcta ctctgctgc tgctgctgct gcttggtgct gattggtgct 180
 gttgctggtt gctgtttact gtttgctgcc ggctggattg ctggattgct gattgccagt 240
 cggcgaaatc ctggcgatga agatccaact tgccccaaga aacaagacga ccctaagaag 300
 tagtctaata atttcaatac gccctttccc cctctgaccn tttttctctt accttatgct 360
 gggggattgg aagggtggca gaaaaaagaa cccaataaag ta 402

<210> 195
 <211> 413
 <212> DNA
 <213> Mus musculus

<400> 195
 actgagggga gtacagttct ccaacactgc cccagctaaa tcattctaata ccacaggtga 60
 caaggggcaa gaccacctct cctgtttctca tgacctaggg ccggctctcc cacctgacag 120
 aggcagcaaa aacgtagggt gtgggagggc acctctccct cactcatgct accacgtggc 180
 agacaaggga catgcagaca agggctcatgt gctcatgacc tctgtcagga tcaccaagt 240
 ctccaccatc agtgccaact ctactgtgct gctcagatca gtttcttcct ctgaagatgc 300

gctgtctttt gcagatttca ttgatttttt ctttatacct gggtcagcaa aacaacatag	360
gaagggttaa agacaggctc aacagtga aa atttggtata ctttgaaccc ata	413

<210> 196
 <211> 420
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 196		
acctgcttgc tcgggggtgga gctncctgct catncatnct accacgccc	ctggnggaac	60
ntgaggagcc acanacgtgc nccnttctac tgganacaata nantattatg	gtgggaatng	120
ggccccctnc cccttccttc ataactancc gnnanagcaa taaaanttga	gccttgatca	180
tnangantga aaaaagaagg ggggggggna nnancccaac atggacacag	gaatcttctt	240
gatagttcag tcaagttctc tcttctttat ttccccccaa cccccagctt	atgttcctca	300
gcaaactctc aattacagng gggctatatt ctatttttct ttaagggna	tggataccat	360
nnantttcct aannaccctt nanggggata aaagggnntt acatattaca	gggggaaaaa	420

<210> 197
 <211> 376
 <212> DNA
 <213> Mus musculus

<400> 197		
agactgagga taattgaaat aaatcaaaac caaaagcagg tggaacagga	tattaaagtt	60
gccatcttca cattgatggt ggagataaac aaaaaaggga aagctctgct	gcaccagctt	120
gagagtcttg caaaggacca tcgaatgaaa ctcatgcaac aacagcagga	agtggctggg	180
ctttctaagc agttagagca cgtcatgcat ttttctaaat gggctgtttc	cagtggcagc	240
agcacagcct tgctgtacag caagcggctg ctectgcttc ctgacctgct	tgagttccag	300
tcctgacttc ctttggtgat gaacagaatc gtggaagtgt aagctgaata	aaccctttcc	360
tccccaaaaa aaaaaa		376

<210> 198
 <211> 248
 <212> DNA
 <213> Mus musculus

<400> 198		
ttgacaccct tagtctgcaa accaaactca gggccttctg tatgtggagc	atttgttgta	60
ccgctgcctg aggacgagga aggggaagtt actgggctgg cttcgagaga	tatgtatgta	120
tgctgatgc ctgtggagtt ccaaagggtg gtccccctgg attggagtta	caggcagttg	180
tgagccattt gggttctggg atgctaacc	aggttctctg caagagcaac	240
accactga		248

<210> 199
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 199		
ctcatagtaa aaagaagcga tccgggtcnc gcagncgnca ttcnaagtat	ctcacctgtc	60
aggcttccat tgaattccag cctgggagct gaactcagta		100

<210> 200

<211> 249
 <212> DNA
 <213> Mus musculus

<400> 200
 actgaggatt ttggcttttag agaagcttgg tgctgtcttc aatcaagtag ccttcccatt 60
 gcagtacaca cccaggaagt ttgtcatcca ccctgagagt aacaacctta tcatcattga 120
 gacggatcac aatgcctaca ctgaggccac aaaagctcag agaaagcagc agatggctga 180
 ggattgtaag gaattgggct gccgactgta agtcatcaat aaattccttt actatctaga 240
 aaaaaaaaaa 249

<210> 201
 <211> 260
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(260)
 <223> n = A,T,C or G

<400> 201
 cctgagactg caagtggcaa tgtggaagca aaagtcgtct gctttttacag aagacgggac 60
 atctccaaca cgcttatcat gctcgccgac aagcatgcta tcttncacta nnagcctttg 120
 gangaanaca taaaactcnc anntcctnnt gcgccttgcc tgccctggata ctgccatgct 180
 ctcacctgga tgataatgga ctgaacctct gaacctgtaa gccagaccca attaaatggt 240
 gttttttata agaaaaaaaa 260

<210> 202
 <211> 442
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(442)
 <223> n = A,T,C or G

<400> 202
 gatgaggtag gcacggctgg ccantcctgg gtgcacccca aaatacagtt tgctttaatt 60
 gaacaatcac tcaaaaactg gcncaaggaa nananntgat ngngngnccn ganctgcggg 120
 tcgcggtaat aaaggttccc gttaaagnga ctgttaagaa ggattcaact gtatgaattc 180
 agaacttttc agctggggaa cgagagtacc agtgagtaca gctttacgag gtaagtccga 240
 tcttgaactt tctaacgaaa ttcaagacag tctatcagaa gttaaagtga aaatggcctt 300
 acaagtatatg tttggccttg aatTTTTTct agtgttagaa ncccttttgt tccttttcac 360
 atgttatcaa gtggttaaag cagggcggat tctaaaggaa attcannaca agctntcana 420
 agtaaaacgg ggagaaagag tt 442

<210> 203
 <211> 197
 <212> DNA
 <213> Mus musculus

<400> 203
 gactgggatg tcctaacttc aggatggaag gaaggaaaca tgatgccata ttgaagaggt 60
 tttgtctttg tttcaatggg agaagaagag ctacggatac catcaaatta ataaagatta 120
 gatttggcca ggggagacct cctgaaaatc ttggctacag acatgaagga aaaaattcaa 180
 gaagaccaaa aaaaaaa 197

<210> 204
 <211> 301
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(301)
 <223> n = A,T,C or G

<400> 204
 gactgaggga gaaactcact cgccaaacaa cgtctcgtgg tatcctggct gactctggcc 60
 gcttcagcag agcctggctg ttcctgctgg attgtgctac tgctacagat tcatgtttgg 120
 tgtttgctat tgaactgggc tgcttatatc ctgacacgga agagtggat cgcccaaagc 180
 aagtacttct aatcaggtcc acaactccct ttgcctttaa ccttgctttt tccctacctc 240
 tggttggtgg gctaaaaggg agggttaaga accccaaata aagncagttt tgaaaaacct 300
 a 301

<210> 205
 <211> 267
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(267)
 <223> n = A,T,C or G

<400> 205
 atgacttgga taaagaacta aacaactaca ttatgcggtg tagggaatgg tactgaaaag 60
 aaagcaaaaa aagccaagac taaaattaaa gctgaagtat aggaggagat ggaggaggag 120
 gaggcggagg aagaacaggt agtagaagag gagccgactg taaagaataa aaagaagaag 180
 gataaaaaga aacacataaa ggaagagcca ctttccgagg aggagccatg tnccagcaca 240
 gcagttccta gtccagagaa aaaaaaa 267

<210> 206
 <211> 370
 <212> DNA
 <213> Mus musculus

<400> 206
 agctgtagct gtccctccaa acaaggctat tcagagagtt ggagacaaca gaaaaggcaa 60
 gctagacacg ttcagcatga gtctaggact gggctccgta atttcctgtg cgtcttcaga 120
 acaatctggc aaccacacag tttgtaaact gtacacctga acttccaaac ttacatatt 180
 atacatacat acccatacat atggatagat acacgtatat gtatatatgt atattgtgta 240
 tatgtatata aatatatatg tgtatatata tatatttata aaatgttaag acatatctga 300
 tttactttca ccactacaga attatgtata ttactggaaa aatttagaaa tacttgcttc 360
 ttaatagaat 370

<210> 207
 <211> 256
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(256)
 <223> n = A,T,C or G

<400> 207
 aactgagag accctggtga ctgactgagc tggcttggcc acccaccctt gaaccaacga 60
 tcatcctgtc ttggtttccc aagtgtctgg attacagatn ccngngact ngcatgacac 120
 ccctgtntct ttntctcgga gaccngtga cttgcctgnc ccacagaaca cactnagcga 180
 aaantgtctg nctgaataan cctnctgccc ccgtgcgtct cctnctccgt agncgtnact 240
 gacggactgt ggtgac 256

<210> 208
 <211> 544

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(544)
<223> n = A,T,C or G

<400> 208
ctgagcccc tgggatgata cccaacaact catgagaata atcttcatga ccgaagagtg 60
agagaggata atgcaggaag ccaaaaagaa tgtcccttca gacacgagg catcatcgat 120
tgaccaggct gttatctaca gcgggtgtct cctgattaga cctggctggg actttaacac 180
agcagaaggt aagtggcacc tgaaggtcta ccgccaggct ccattggcag gtctcaagga 240
gggctgtact acaaccacaca aatttgacca aggtacgtga agttagacaa ggatcagatg 300
agtcacctgc tgccttttcta gaatgactca tggaggcatt ccgtcagtat acaccctatg 360
atcccagcag caaggagcac aaagctactg ngactatggc atttattaga ccagcttgtt 420
agagatatca ggaaaatgct tcagaggcta nagggatgac agggtaagtc actgaggggt 480
ttaatgcagg ttgcttgagg aagtctacca taacaggagg acagggggag aaaaaacat 544
attg

<210> 209
<211> 525
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(525)
<223> n = A,T,C or G

<400> 209
gcaactgaag gaaaagctgc cctatgtggt aatgaaaaac ttaacactgt cctgcatgac 60
tgccatgga agaccgatga cctctgccct caagcccaat ggagaatcct aggggcgcta 120
gctccatcca tctgtaagtc ccagaaccca agtctcagga gcggcgagg accggagaca 180
aagtgaagga ggtggatgga agcgaaagac aagcaggaga gagagaagag accacgctga 240
ctctcactcc ctcttcttta atacaacaaa gttgcaactt gggtccttg atctaaatac 300
cgaggtcca gagaagacaa aacaccaggc atcactgcat ctcttagggg gtaccacca 360
agacctccag gtccttact ccaggaaggg ccctgttgaa tatctgcaga gagatgggtt 420
ggagcacagc ttggtgctca gtcttgccc tgtggctcct ctggtgtgct gtctgctcca 480
acgcaacgtc agggggacng caatgcgttt cctttttgac atcca 525

<210> 210
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 210
agaactgagg gttccaagac tgccctttgg tattcaaacg ggagccgctt tggactgact 60
ggctgccttc ctctcctcc ccctcctccc ccttctgctt cagatttatt tattatatgt 120
aagtacactg tagcagttgt aggacacact anacgagggc accagatctc attgtgggtg 180
gttgatgaacc acccaccatg tggttgctgg gatttgaact caggatcttg cagaagagca 240
ntcagggtc taaaccgctg agccatctnt ccagnctcct gcattccttc ttanggcag 300
aatgatccca gcatgggacg acagtctgcc ctcccttctt tttagaggag at 352

<210> 211
<211> 433
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

<400> 211
 actgagcata aacagaggcg gcatgacaag aaacnnaggc tctggagggt ttggtggtgg 60
 tggcaccagg agagggacac gtggaggcag ccggggaaga ggtagaggca ccggcaggaa 120
 ctcaaagcag cagctttctg cagaggaggt ggacgcacag ctggatgctt acaatgcaag 180
 gatggacacc agctaaacaa ctgagcaaatt ccacacaagt aacaggaccc agaagcctcg 240
 cctgtgatgc ctagaggagg ggttggcaac tgaactgtgc agacaatggn ggatttggtt 300
 tggttctttt tatttctttt cttttttttt ttnttcccgg tttaaaaaag gatntaaaaa 360
 cncctntaaa ggnttttttt tttttttttt tgggggttgg gngggntttt ggtttttttt 420
 ttaaaaaaaaa aaa 433

<210> 212
 <211> 100
 <212> DNA
 <213> Mus musculus

<400> 212
 ctgatacatc tttagatggg ggaagatttc tctgagaagt gagtatcggg cagcaaaacc 60
 tggagaaaca aaggaaagcc atgaacactt gctagataac 100

<210> 213
 <211> 372
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 213
 gtgacaggag gccatantga ctgantttgt ganctctcac aggtgctgca ggaggcntgn 60
 ntgggtgcct actgnnnaaa ctgnanaang gngnnggatg atcatctcac tgacaattta 120
 gagacagaga aactgtgtga ctacttctcc acacacctgg gtgtctaccg gcccggtgctg 180
 gctgcgctgg agtctctgaa ccgtgcgggtg ctactgcca tggacactac aaagctggga 240
 ggagatgnag tctcccctnc cccancctga aacctgcttg ctcnnggngg agctnccctgc 300
 tcattcggtt tgccncgccc actgtttgtan cctgnngaag cacacncgtg cacctttcta 360
 ctggaccaga aa 372

<210> 214
 <211> 203
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(203)
 <223> n = A,T,C or G

<400> 214
 agaactgagg gttccaagac tgcccttttg gattcaaacg ggagccgctt tggactgact 60
 ggctgccttc ctctcctcc ccctcctccc cttcttgctt cagattttatt tattatatgt 120
 aagtacactg tagcagttgt aggacacact agacgagggc accagatctc attgtgggtg 180
 gttgngaacc acccactcat gtg 203

<210> 215
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 215
 cactgagacc aactttttaca agtctacctg ttcgagaaga aatgatggcg aaataactcaa 60
 accttttcctt aaagagctgt natactctcag tgacggaaaa 100

<210> 216
 <211> 430
 <212> DNA
 <213> Mus musculus

<400> 216
 agactgagta tccctggaac tgatgatgtc atccagccag ctgctcctgt tgacccggga 60
 caccacacct tagctgactc gtcccacat ggtgacgctg tcagctcagt ctctacacat 120
 ctgacagtc agagcgctc cccatctgct gcccgtgcaa gtccctgctcc ttgggccccca 180
 gaacatacag cctcggctcc ctccgcagcc ggtcctggag tagaagtcac cccactgcc 240
 tcccagagtgc tgggattgaa ggtgtgtacc accacacccg gcgagtctcc ctttcttaac 300
 cccatgagga taatccttcg ccaccatgat gtgctctcct aagtcatttt gggcactgtt 360
 agctacgcac gcacgtcctc ttttcataga caaagaaact gagaacaaac aaggtacaaa 420
 acaacaaaaa 430

<210> 217
 <211> 377
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(377)
 <223> n = A,T,C or G

<400> 217
 cactgagagg ctacacaggac acctgcacaa caaaggctgt ccccgatatgt aatcaacctg 60
 gaccagctg tgcataagat cccctttccc gccaatattg atatccgaga cacagtgaag 120
 tataaagaag tcatgaagca gtatcctttt nctcatctgc tgcgagactg actcgggtcat 180
 ggcaaactgc tgnctttaat tgncttgggg gagnggcttt gcctgtcang nngngacaat 240
 acaagnagaa aactcatgnc ctttttaggna atnntattaa gaggataaga tgagggtctg 300
 tganatggct caacaggtna gaacactgac tgctcttcca aaggtcctga gttcaaatcc 360
 cagcaaccac atggttg 377

<210> 218
 <211> 495
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

<400> 218
 cactgaggcc aagttcacag tggagactga cccacatgt gagtttattt tgcctcacca 60
 gttcagggtca cagttcacgg tggccccatg gtgtccacag tcaggaagca aagagagatg 120
 gatgcttgtg ctcaacccaa cctctccttt ttatccagcc ttggatcaca gccacttca 180
 tgatggagca aactgggtc atcaccacaag tgccnnggca catgcagcca cccagttttg 240
 gactttcagc ttctaggact gtatcccatg taagcctctt tataaattat ccagcctcaa 300
 gtgctctgtt atagcaacag taaccaacta agaccccata actccagcaa ctaataactta 360
 atgaataatt gctgacttaa tctctcatca cttggattct ataaaggtct ttggcaatca 420
 tttcttatng gaanaaatat tnttnttccc aatttgggccc cccnccctact ttggggnaag 480
 gggggggttag aaggt 495

<210> 219
 <211> 230
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 219
 gaaactcctg cctatttntg tgtcttttgc cctgctcctt accccttatt tgtaaggccc 60
 anccttgaag aattgcttga gggctggaga gatggctcag tggttaagag tactgactgc 120
 acttccagag gtccctgcaac cacgtgggtg ctcacaacca tctgtaatgg gatccgaagc 180
 ctctggtgt gtctgaagag actgacagta aaactcacat aaaataaata 230

<210> 220
 <211> 295
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 220
 gactgagaga aaaaagcaga gatcgtgaaa gggaacggga gcgggaaaga gagagagaac 60
 gagaacggga acgagaacga gagcgagaga gagaacggga gagagaacgg gaacgggaaa 120
 gagagaaaga caagaaaaga gacagagaag aggatgaaga agatgcntnt gaacgaagaa 180
 aactcgaacg aaaactgcga gagaaagagg ctgcttatca agagcgcctt aagaattggg 240
 aatcagaga acgaaagaaa actagggant ntgagaagga ggcagaaaaa aaaaa 295

<210> 221
 <211> 229
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(229)
 <223> n = A,T,C or G

<400> 221
 aattgaggct tccaagactg ccctttggta ttcaaacggg agccgntttg gactgactgg 60
 ctgccttcct cctcctcccc ctccctcccc ttctgcttca gatttattta ttatatgtaa 120
 gtacactgta gcagttgtag gacacactan acgagggcac cagatctcat tgtgggtggt 180
 tgggaaccac ccaccatgtg gttgctggga tttgaactca ggatcttca 229

<210> 222
 <211> 127
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 222
 gaaattcaat agcagtacag catttgccctt gcatgtgtca gnccttgggt tcaaactctg 60
 gtaccagagt ttagatctgg ttttgataaa taaataaata aataaataa caacaaaata 120
 taacaaa 127

<210> 223
 <211> 100
 <212> DNA
 <213> Mus musculus

<400> 223
 gtccacttct tcaacagctt tttccataga cagctggtaa ccaaaggcta taatggagtt 60
 aaaagatgga cgaagaagga aatctggaaa aagaagaaaa 100

<210> 224
 <211> 195
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(195)
 <223> n = A,T,C or G

<400> 224
 ttaggaaaaa ggtcacagga actgaagggg atgaaaggag ctaccccaca tgaacaccaa 60
 cagcagtgn cactngcctg gacccctgaa tactcccaga ancaacaccc aaagaacata 120
 catggactta ttcaaggcct gtggcacata tctagcaaan aacttgantn tccccagtgg 180
 gagaggatgt gccca 195

<210> 225
 <211> 316
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(316)
 <223> n = A,T,C or G

<400> 225
 ccaactgagg tcttgccccc tgctactctc caaaaactac tgaactggac tgctggtatc 60
 atccatggag tgtttgtgag tggactgagc tgctgctgct gacctgtgaa ctgaactgct 120
 gatttctaac aatgcagata ggatttgctc caaaaaacca atttctaacc aggtacactt 180
 cctccatata ctttcttttc cactacctct ggtgggtggt tggctagaag ggagggtaaa 240
 gcctttacta aaaagagggt tgagaaaaaa attaaagcct acancctttt attaaataaa 300
 cttttgtaat gggtaa 316

<210> 226
 <211> 227
 <212> DNA
 <213> Mus musculus

<400> 226
 gaggactctc ctgttcttgc cacatttgac tgaagaagga caacgggggc aaggtttgag 60
 gactgacagg taagttttcc tggagattca aaactgtgct tttcaacaag cattggggct 120
 caaagttctg tcagtttgag ggcagcctag tctacaaagc gagttccagg actgccagtg 180
 gtctgttaca cagagaaacc tgtcttgga aaccaaacca aaaaaaa 227

<210> 227
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(182)
 <223> n = A,T,C or G

<400> 227
atttcttgagt ttcttggggc cangaagatg acacgantag atctagacnc tggcctagcg 60
tgacctccan agtttgggcc ttgcntaaag gagaaaatta atnccttcag ttgntctctg 120
acctccacat gcgtcctgta acatgggtgt atgcatacac ataacacac atccacacgt 180
tg 182

<210> 228
<211> 140
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 228
gaagaatttt catcaacaaa catcattttt aaagaaattt anggcgaaaa tggggcattg 60
ggnnnccttg ggggaagggg gagactgana gaatgagaat gaatnatggc caaataaata 120
aataaataaa taaataaaaa 140

<210> 229
<211> 204
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(204)
<223> n = A,T,C or G

<400> 229
attatataca ggagtgenta aattttgtct gttacagccn cggccattag aagctggggc 60
aaagcttttc tgctactta actctgattt tatntatnng ttatatgtaa gtacactgta 120
gctgncttca gacactccag aagagggagt cagatctcat tacaagatgg ttgngagcca 180
ccatgtgggtt gctgggattt gaac 204

<210> 230
<211> 235
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 230
actgaggcag ggcgtgagta ctgcctgct gccaccactg cggaaaatgg ggggtggcnag 60
aagaaacaga aagagaagga gctcgatgag ctgaanaagg aggttgccat ggatgaccac 120
aagctgtcct tggatgagct gggctggcaa ggaaagggtg ggggtgtgctg gctgaaggag 180
agaaaggaga gaaaggagag aaaggaaaga aggaaggaga gaaagaaaga aagaa 235

<210> 231
<211> 141
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(141)
<223> n = A,T,C or G

<400> 231
 gttgtggagg aggcagagaa tggaacgaga tgcacctgcc aatgggaacg ctcaaaatga 60
 ggaaantggg gagcaggagg ctgacaatga ggtagatgaa gaagaggaag aaggtgggga 120
 ggaagaggag gaggaggaat a 141

<210> 232
 <211> 104
 <212> DNA
 <213> Mus musculus

<400> 232
 tgaggaaaga ccgggaacga gatcgggata gagaggaccg atctaaagat cgtgaccgag 60
 aacgtgatag aggagacaga gaacgggaga gggaaaaaaa aaaa 104

<210> 233
 <211> 740
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

<400> 233
 caggcttgac caagaacctg aagcctggtn aggatgactt ggannntgac ctgnaactgg 60
 atcccatgct gnccttttgaa cagagcaggn ggatggacct taatntggac ctagacttgg 120
 acttggaacca gncanagctg gaccctggat ctgagctgga ttctgagatc caagccaaac 180
 ctgagctgga actagagtcg gagcttgaga cagatgccca gacagagcca gagacagagg 240
 aagagccaga gctggagcca gagccagagc cagagccaga gacagagcca gagccagagc 300
 cagagagaga gaggaagacc aggacaaggt ctcagagccc ctggcggaac tacttcactg 360
 cttatcgctt tggttcttca aactcccagt ctagagctcc acctcagaca cgcccagaaa 420
 agagaaagcc acataattac cccaattctc cctaaaacaa taaggatcct tggtaggtga 480
 ctgcaaaatg caggctgagt atcttggaac atcccttctg ccctacttgg catgacatct 540
 agactgggta caaagccacc ggtcctggct ctgtgacccc ttcattgctg acttncttct 600
 tattggattc ttgggatcac atgcccacat tatgcccang ctatgtgact tcaaggntgg 660
 caantggctt ttgggggtctg gcttcagggt ttgcanaatg natttttaac agatttcagt 720
 gaaggcttcc tggacgtact 740

<210> 234
 <211> 291
 <212> DNA
 <213> Mus musculus

<400> 234
 ggttccctaa aatcagactc tgtcatcggc aagtggagac tgtaacacga ctgggaccct 60
 cacatgccga taagcagtcga agaataatttt ctgggagctg gagagatggg ctcagcagtt 120
 aagaacactg actgctcttc cggagggtcct gtgttcaaat cccagcaacc acagggtaac 180
 tcacaacat ctgtaatgag atctgatgcc ctcttcgggt gtgtctgaag acagctacag 240
 tgctccttaca tataataaat aaataaatct ttttttttaa agaataaaaa a 291

<210> 235
 <211> 306
 <212> DNA
 <213> Mus musculus

<400> 235
 agggagaaac tcaactcgcca aacaacgtct cgtgggtatcc tggctgactc tggccgcttc 60
 agcagagcct ggctgttcct gctggattgt gctactgcta cagattcatg tttggtgttt 120
 gctattgaac tgggctgctt atatcctgac acggaagagt ggaatcgccc aaagcaagta 180
 cttctaataca ggtccacaac tccctttgcc tttaaccttg ctttttccct acctctggtt 240
 ggtgggctaa aaggaggagg taagaacccc aaataaagtc agttttgaaa aacctaataa 300
 aaaaaa 306

<210> 236
 <211> 600
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(600)
 <223> n = A,T,C or G

<400> 236
 acaatctgga gcaaaagatc ctgcaggtgt tgagcgatga cggcggccct gtgaagattg 60
 gccagctggt gaagaaatgc caagtgccca agaaaaccct caatcaagtc ctttaccgcc 120
 tgaagaagga ggacagagtg tcctccccag agcctgcaac atggagcata ggcggggctg 180
 cttctggaga tggggctcct gcaatccctg agaactccag tgcccagcct agccttgatg 240
 aaagaatatt aagattcctg gaagccaatg ggcctcacag ggcctgcac atcgccaagg 300
 ctctgggaat gacgacagcc aaagaagtga acccactcct gtattccatg agaaataagc 360
 accttctgag ctatgacgga cagacgtgga agatctacca ctcacgtcag gaaggccaag 420
 acatagtctt gccatgtagc cctggatgtc ctagaactca ccatgtagac caagctggtc 480
 ttgaaccac agagatcttc ttgcttctgc ctattaaatt ctgggattaa agcaccacta 540
 cacctggaaa aatatctttt aaagncngta aaataaatga acaattaaag aatgcattct 600

<210> 237
 <211> 266
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 237
 gtggaactag actcttggac tteccattta cagctgtcca ttgttgggac tagcggctca 60
 ttcagcacca tggagagtgc caccatcagc cctcagcccc cacagtctga ctccctggag 120
 gcctttcccc agaagagcat ggagcctgca gacatcgctg tcctagtctt gtacttcctc 180
 tttgttctgc ttgttggatt atggccacag tgaggaccaa acgaagacac agtgaaaggn 240
 tacnttctgg cttggaaggg acatgg 266

<210> 238
 <211> 459
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 238
 atctcagcgg ttctatagca cgcctccagat gtcaaattaa acctcggtgt aagcggagat 60
 ttcatacaag aatctacagc tactacattt ctgagacaaa gaggctatgg ctggctttta 120
 gaagttgaag atgaggatcc tgaagataac aagccacttt tgtatgtgaa agancatgta 180
 atttgngtnt taagacctaa tntgnaggat gcttatgtnn nttttanaga cagatgaaga 240
 aaatgtnagc ctttntggng aaaaatanta nagatgaaat cganaaaact tttggtgaaa 300
 aacagagatg gctcancagn taagagngct tcctgctgtt tgagagagct tnggtttggt 360
 ccagcactgt atcaggcaat gcagctgcct atagctccac atctgacttn gtacacttat 420
 agaaacacat acacaaataa atctttttta aaagtaaaa 459

<210> 239
 <211> 277
 <212> DNA
 <213> Mus musculus


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<220>
<221> misc_feature
<222> (1)...(277)
<223> n = A,T,C or G

<400> 239
gagtgatcga agaggagcca tgatggntaa acttcttttaa aagaaagaac gacaaactgg      60
ctttccttga tgcctttgaa cctgagtcca gaagacttag ggacaatgga tagctaaaat      120
ttatttatat ctgaagttgg gtggcagggt gcactccaga ggcagaggca gaggcagggg      180
gatctatctc cgagtctgag gtcagcctgg tctacagatc gagttccaag acagccaggg      240
ctacaaagaa aaatcctgcc tcaaaaaaatg gaaaaaa      277

<210> 240
<211> 346
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G

<400> 240
aactgaggaa ggtgacanat ctctggaaan ggngctacat atgattcnan gacaccatgn      60
ggatgctggn natgaaantg gggccctctg gaanaacann ggaagaacgg ccaatgctct      120
tagcagacga agcctctcca gcctnccctt cacaaccctt agtgttatca agagactagc      180
aaaccttcan ggggtcttca actaaataat acaatgagtt ttgccttttaa agagcacact      240
gctgggctgg tgagatggct cagtgggtaa gagcaccgga ctgttcttcc gaaggtttga      300
agttcaaate ccancancca catggnggct ccccccccc ccccc      346

<210> 241
<211> 282
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(282)
<223> n = A,T,C or G

<400> 241
ccactgagct taaacacaaac tgaagtctgt ctgtctcaag tgtattaatg acgcctgccc      60
aangtggtgg gaaagtccgt gaaactgcaa tcgggggctg gtgtgatggc tcagtgggta      120
anagcaccga ctgctcttct gaaggtcctg agttcaaate ccagcaaccg catggtggct      180
cacatccatc cgtaacaaaa tctgatgccc tcttctggag tgtctgaaga cagctacagt      240
gtacttacat ataataaata aataaatctt taaaaaaaa aa      282

<210> 242
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 242
gatcactaga cgggagatgc tgccaagngc cccagacggg atcaagactg caatgacaac      60
cataagatnc cctaaagcta ggacactgca aaaaaaaaaa      100

<210> 243
<211> 398

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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 243
ggtcctctga acaatctaca agaacaacta cagcngacac ctcagcgcag gaaaacctta 60
atngntnnnn ccagcctttc aaaacccaaa tnttttaggtt ttacctttta gcatgggtaca 120
ttactgngaa aacataacgg aatgcagaag aatacagctt ttagcttact ttgggtgaaaa 180
aggattcaac cctgattttt gtaagaaata cccagatgtt tcttggtgaca attgctgtaa 240
aacaaaaggn aattacttaa gtggngatgc aggcctttta tcccagcact tagaaggcag 300
angaagggtg atctctgaaa tcaaggccag nctgggtctac acagagagtt ccaagacagc 360
caaggctaca ttatgaaacc caatctcaaa aaaaaaaa 398

<210> 244
<211> 457
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 244
agctgctggt gcttggtgctg ttcccaagcc aaaggggaagg agagtgcnaag gaagaactag 60
tggtggagtc ccggtatctg caatatgaca agaaagcnaa naaggggtccc cctggcctnt 120
ganaaagaac atcaaagatg gcttaacctc tgtagtggtt attcctgggt gtcaacttga 180
ctatatattg gaatgaacta caatccagaa ttggaaggct caccantgac cctaactctgg 240
aggctgggag atagaagtnt ctaanctgga tcttggtatg gagatcttga ggcatagtgg 300
ctatggattc cagaanatta agacagggag atctccgagt tcaagggtcat ctgggattaa 360
aggnatggng gcacataatc tgggctacac cttctgctgg agaccatata aggacattgg 420
aagaagggag nctcactctc gctcctttgc ctgcttg 457

<210> 245
<211> 445
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 245
actgagattg ggacaaaaca cccatgggaa ggagttacag aggcaaagtt tggagctgag 60
acaaaaggat ggaccatcta gagactgcca tatccaaaga aattaaagat ctcagaagat 120
gcctctcaca gaagccagtt gtcacacctc gaactgctct aatgaaaagc aaggaccaa 180
ggatggctga gggccaacag ccacggagaa aatcaatcct gtcattgcga gtgggtctgg 240
acgcaccctc ttctttccag tggagccaga ggtggcacca gcttgggcta agcctttgaa 300
tgtggacttg caaggactca gccaaagtgt gtctagatta ccggccaaaa gacacctgta 360
agagttaagt tggnggttgg tagttgctca cttttggagn aatttattac tanttcatag 420
ataaccaata aagagtcttt tatcg 445

<210> 246
<211> 169
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(169)
 <223> n = A,T,C or G

<400> 246
 tgcgggccata attgttccta ttgccaaacc aagttctgtg ctcgatgtgg aggnccgagtg 60
 tccttacnct caaacaagct attgtctatt ggcatcttta ttcaccattc anaattaact 120
 tgggnatggg tcccaaaagc tatganccta ttccaaaact tgaaggcca 169

<210> 247
 <211> 459
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 247
 tgaggtgatc cctgactaac agcgtcntca atgcntctgt cgcattcaag acatctgngg 60
 ggttttctgnt cttttttaagt tttaaccenc tgggnaggatg anggtttcgt cacacctgca 120
 aacccgngcc gntcacgggt tctcaccgga gtggcttgnt tctagctctg gatctgtgac 180
 tcatgcagaa acccaaattgg aatcatcttg cantagttga aagtgcctcc tctgaagata 240
 ccaggttttc attgaggngg aagcaaggna cctgactctc aaggnnacan ngtgacccat 300
 ttagaggcnt atgnntaatg tataccgnaa atgctatnan gcctgtcgag atggcncanc 360
 aatnaagagc actgactgct cttccagang tcctgagttt aattnccagn aaccacatag 420
 tggetcacia ccactctacia tgtgatctga tgccctctt 459

<210> 248
 <211> 225
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(225)
 <223> n = A,T,C or G

<400> 248
 ccgcccacca tgggagccct ggctgtnttg gagctcacag aaaaaccgcc aactntgncg 60
 accctactt aactctgggt aaaggtgtgc accaccatgc ccggctntnc acaganaatn 120
 nttattctta gcatggtagg ctcttccttc tggatcattt tattcattnt actacacagn 180
 anagntttta ctaaaagact ttttncccca ttttaagaaaa aaaaa 225

<210> 249
 <211> 385
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 249
 actctcaaag agaaaaaggc tgtgtctcacc aacntcctgn tgcgcctgcn gtcattccang 60
 ggaggtagac aagagaacct ggagcttttg ggttaaattc ttttactgag gagggattaa 120
 aagcacaaca ggggtggggg gtggnatggg gaaagnnnct caaggatgct gttcancatg 180
 agcngacct ggatgtcnct catgatttgc gannttaant tactgcnttg acantnctca 240
 catttgttcc tctaanaacc ggttaagccn ttgtananag ancagcacag ctggccatca 300
 gagtcaccaa tcccaacgcc aggctacgca ncgaagaaaa tgagtagatg gcttgtgtgc 360
 atgttttttat gtttaaataa aaatg 385

<210>	254
<211>	498
<212>	DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(498)

<223> n = A,T,C or G

<400> 254

gactgagaat	ggcctacctg	ctcctgtccg	gctggcgaat	cttaccacnt	ctgnntcttc	60
tcccagagac	ctcccccant	cagatcagaa	gtcccacctt	ccntttgctg	cccagctacc	120
agacattaaa	tccttattan	gncagaagca	taancagnac	nnatagnenc	antncaccct	180
catactcagc	nntnngctgg	aacagaanta	acaantgaat	aacacaaatng	gcnaccttca	240
agtagtgcnc	cccaacacac	atgacaaggg	tgctttgagt	aggtttgcc	tccatagatt	300
catgtattnc	agtgtttggc	cataggaatg	gcactagtag	gaggtatgg	cttattgaag	360
aaggggtagc	tttgttgaag	gaagtgtctc	actgtgggga	tcagctttga	agactcttat	420
gctcaagcaa	tgacagaagac	agtcccctag	ctgccgtcag	atcaagatgt	agaactctta	480
gctcctccag	caccatgt					498

<210> 255

<211> 389

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(389)

<223> n = A,T,C or G

<400> 255

tgtgggtctc	cacggcacan	ggctgagtgg	ngctggacng	ggnggngtgc	tnagtccatg	60
tcaggacaca	caggacactg	gtgcagcttc	attctagact	gaatcaccaa	agagcaagca	120
cngggctgga	cctaggcccc	ctgcatatat	atagcatgat	gagccacttg	atcttcatgc	180
aggtctccca	aacaactgga	ggnggggctg	tccctgagtc	tggtgcctgc	ttgtggatgc	240
tgcgccccta	aatggacagn	cttgtctggc	ctgggtggga	gaagatgtgc	ctactnctcc	300
tgcagggaact	tgatgtgcag	ggggcggggg	tgggggagtg	acatttgana	tgggggcttc	360
cccttctgtt	tgagaagggg	gatggggga				389

<210> 256

<211> 416

<212> DNA

<213> Mus musculus

<400> 256

gactgaggaa	ggaaatgaag	tgggctagtc	ttgcgcaccg	gactcgacca	gcaagaacga	60
cgctgcaaca	ggatccttct	gcacacgttt	attgggagag	cttgattgca	gaggcgaaaa	120
gaccctgagc	ccagaactgg	tgctgcttat	ataggcctag	gagaggcgtg	tctcacaccc	180
ggattgggta	tgcactatgc	ctcatttgca	tgttcctcat	ctgattggct	actctctctc	240
tctgtacctc	acagagcctc	gttatcatac	ctcatttgca	tgtctcacat	ctgattgggt	300
atactctcaa	agcctcatta	tcatgcccg	gccaggcagt	gtctttgcaa	aaaactttac	360
tgcatatgta	cacattgggt	gttgtccaaa	cttatgcgtg	gggggccccca	caaaat	416

<210> 257

<211> 305

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(305)

<223> n = A,T,C or G

<400> 257

ccatattaaa	aatgcacatg	gttaatcnga	acaagggtctg	accattttga	aggaccttta	60
------------	------------	------------	-------------	------------	------------	----

tttccttgat gctcccggtc tttgtctcca ccgtctatcg tgctctcacc gaatggctga	120
gctctgtgtg cgtcacgaag ggaattcacn tntcagcacc nacacagcan cttacanctg	180
cctgtaactc cagcttcana ggacccaaca ttctcttctg gcctccgagg ncatctgcac	240
ccgtccncca ccccgncnnc atgcatagcc aagattaaaa taaanctttt tttctttttt	300
aaaat	305

<210> 258
 <211> 177
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(177)
 <223> n = A,T,C or G

<400> 258	
gagttgctgc aaacagctct cctggngcca agggatgctc atctcatatt tgaatcatcc	60
cgaccctcac tgagcagaca gctcccagag taacactgac tcagagagaa ggaattcgag	120
tcacccggga tatttaaaat attctagtag ccacgtagtt taacagaaag aaaaaaa	177

<210> 259
 <211> 173
 <212> DNA
 <213> Mus musculus

<400> 259	
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct	60
tcctcctcct cccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac	120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tgg	173

<210> 260
 <211> 311
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(311)
 <223> n = A,T,C or G

<400> 260	
agatctgtcc agaaggancca gggccaacct gcaaagaaga tcagaccaca cagccgtcta	60
gaagaacaga aaccagctga gctatctgga agagcttttag accaactgag aactgagga	120
ggacactctc cagcctgttg agctgcctgc aggtgtgca gtgtgctaca agttcccagc	180
gttgtgagct gtcacccatg ctgggggtggg cctccgggat gcagctgtct ttgagtcatt	240
tctgtctcga taagtaacct ctcacccata ttcttccaag taaccccaat aaaactcatg	300
gcttaccaag t	311

<210> 261
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 261	
agtctcgaaa ttcgataagg tatcttgcnat tatattcaga actctccctc ctagtgacng	60
caatgaattc gaccagaaag aagatgaacc taccctaaaa	100

<210> 262
 <211> 210
 <212> DNA
 <213> Mus musculus

<400> 262
 aggtacctga gaggaccaga agatgggtgtc agatcctcgg gagctggaat tgctggcagt 60
 tgtgtgttgc ctgacatcat gagtactaga aagttaactc aggtatctat ctataagagc 120
 agtaagtgtc cttaaccact gagcagtgtc tctaaccctaa catgatagat ctgtatatat 180
 aaatacatat agataggaaa ttaaaaaaaaaa 210

<210> 263
 <211> 247
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(247)
 <223> n = A,T,C or G

<400> 263
 gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct 60
 tcctcctcct cccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac 120
 tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggntgctac 180
 cnnntntcca tgccgaanga gggggatcac anatagatat agagggtgaaa ataaagatct 240
 cagttac 247

<210> 264
 <211> 152
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(152)
 <223> n = A,T,C or G

<400> 264
 gatgtcccag gctccggaca acctgcaagc cagagacgct acagaaactg gaaccanacc 60
 ctggtncnct tccagaaaga nngatngatc gaaagaatga aagaaagaat ggcaaaaatt 120
 aagggtcacc cnggggggctc caagcctatg ag 152

<210> 265
 <211> 176
 <212> DNA
 <213> Mus musculus

<400> 265
 gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct 60
 tcctcctcct cccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac 120
 tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttg 176

<210> 266
 <211> 128
 <212> DNA
 <213> Mus musculus

<400> 266
 tcagcaaaca tcatttaaaa ggaaattaat ggcgaaaatg gggcattggg aaaccatggg 60
 ggagggggga gactgagaga atgagaatga ataatggcaa aataaataaa taaataaata 120
 aataaaaa 128

<210> 267
 <211> 426
 <212> DNA
 <213> Mus musculus

<400> 267
 cccggaagca gaagagagaa gagattgaga agcggagctg caagttgtgt gtcaagcctt 60
 ggccccacca tggactcctc cccgactctg cccactgaa aacgtcacat ggttatttta 120
 gcaaattggac gttcaggtag accccctttc cagcccttat cccaggagcc cccacgagta 180
 acatatgaga agcttctctg ttcctttctt aaaactaact tatggggctg gagagatggc 240
 tcagcgggta agcgcactga ctgctcttcc gaagggtccc agttcaaata ccagcaacca 300
 catgggtggct cacaaccctc cataatgata cctgatgcca ttttatggag tgtctggagt 360
 cagctacggt gtacttaaga aataataaat aaaacttagg ggggaaaaaa accctaactt 420
 aaaaaa 426

<210> 268
 <211> 379
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(379)
 <223> n = A,T,C or G

<400> 268
 ggctggagag atggctcagt ggttaanagc actgactgct cttccagagg tcctgagttc 60
 aattcccagc aaccacatgg tggctcacaa ccatctgtaa tgggatctga tgccctcttc 120
 tgggtgtgtct gaagacagcg acagtgtact catataaata aaataaataa atatanntaa 180
 aaagnnnan tnnctnctn nnannttnt ggactcanct acagtttgcc tcccaaaatc 240
 caggggtcaac actgcaccac tgaactgtgt cccccagggt accatcacag agaatggcaa 300
 aaaatgagcc cacatatgca tgccaacaga gtctgatatt ataggcttgn tgttttggaa 360
 tcttaacccc ctggatctg 379

<210> 269
 <211> 390
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(390)
 <223> n = A,T,C or G

<400> 269
 gccctgcaca cagacaaatg tatacattct tggagaagac taccttcttc caggtgatga 60
 ccgggggtggg cacagccttc acctcacagg aaaggaatac ttgagtccca gtgacattgt 120
 gaatatctcg agggggcatg aggaccacgg gagctggaag acaaagggaac aacctgtga 180
 tggtttgcat atgctcagcc cagggcttta agacgctcct cctggctgcc tgaagttagt 240
 attcccctag cagcctgcag atgaagatgt agaactctca gctcctcctg caccatgcct 300
 gcctggatgc tgccatgctc ccaccttgat gataatggac tgaacctctg aacctgtgaa 360
 caattaaatg ctgnccttat aagaaaaaaa 390

<210> 270
 <211> 290
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 270							
ccagcctgaa	acctgctngc	toggcgngga	ggcttcctgc	tcattccttc	tgncacgccg		60
actgntggaa	cctgaggagc	cacacacgtg	cacctttcta	ctggaccact	anataatatc		120
ggcagggaaa	tctgggttgc	cctccccctt	acttcataa	tggnagttt	caacnataaa		180
atgaagagcc	ttgatcagaa	aggtaagana	atgagggcca	gntnaagatc	gnnctgatcc		240
acggacacca	agttattccg	nggggagaca	tggttagctt	agccctgctg			290

<210> 271
 <211> 355
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 271							
cgagcctggg	ctagaggcca	tanattactt	cttgaggaac	tctnanangn	cgagacaggg		60
aaggcaaaga	acaaagaccc	naaggaaann	ctgcagnctg	tttatgagtg	tatagagaaa		120
acgtgtgaga	aacttggaca	gctcaatatt	gatatttcca	acatcaaagg	tatttttatt		180
gagaattttc	ctctatagtc	cagctctgcc	aatcccatc	atgaattcat	tctttcagct		240
tataataatt	gagtcctttat	aagctgcaag	cctttttggt	ttttgtttgt	ttgtttgttt		300
gtttgtttgt	gagactttgt	gggaagaaca	ataaacaaga	ttctcagttc	ccgtt		355

<210> 272
 <211> 234
 <212> DNA
 <213> Mus musculus

<400> 272							
agccaggctg	gatgaagaaa	acttgaagaa	gattttccgg	gaggttcaga	taatgaagat		60
gctttgccat	ccacacatca	tcagactcta	ccagaggctc	tgagttcaag	tcccagcaac		120
catacaatgg	ctcacaacca	tctgtaatgg	aatctgatgc	cctcttctgc	tgtgtgtgaa		180
gacacctaca	gttactcata	tatatataat	aaatattcct	ttaaagaaaa	aaaa		234

<210> 273
 <211> 283
 <212> DNA
 <213> Mus musculus

<400> 273							
cctggccctt	cagaagtggc	gccccgactt	gtgcagcaag	gtggcccaga	tccatggcat		60
tggaggagat	gtagtctccc	ctccccccagc	ctgaaacctg	cttgctcggg	gtggagcttc		120
ctgctcattc	gttctaccac	gcccactgct	ggaacctgag	gagccacaca	cgtgcacctt		180
tctactggac	cagagattat	tcggcgggaa	tcgggtcccc	tcccccttcc	ttcataacta		240
gtgtcgcaac	aataaaattt	gagccttgat	cagaaaaaaa	aaa			283

<210> 274
 <211> 249
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(249)
 <223> n = A,T,C or G

<400> 274							
gaggcaccct	aggatacatt	tccacacagc	ccttgtggat	gcccattctt	actgcctgaa		60
gaagnacgnt	gtggatttnt	taatggagaa	tagcagaaca	gncttcctaa	atgaccancn		120
ncaccttana	ncncanttcg	caganactat	ccccagctgg	cnnaagncac	gcctctggta		180
gagcacaagg	aggatcaa	ccccaaacct	gggattaaaa	tgaangcaca	ttcttatatt		240

aaaaaagaa

249

<210> 275
<211> 410
<212> DNA
<213> Mus musculus

<400> 275
actgaggtcc tactctcgct ctcccagcta ttctgtccaag tctggcaaag aggagcccac 60
ctagcagaag ctccaggtct cgtcgaagtc ccagctactc tcgctacagc cccagcaggg 120
aacgggacct aaagtatggt gagaaagaac cacagccccg agaacgtgcg cgcaggaggc 180
gacggtccta ctcacccatg aggaagcgca ggagagactc cccaagccac ctggaggctc 240
ggaggataac cagtgtcccgc aaacgcccga tcccctacta ccgaccacgc ccctcctcgt 300
ccagcagcct cagcagcgcc tcctcctggt acagcagcag cagcagcagc agcagcagta 360
gcagccgctc ccctagccgc agttactccc ggagccggag tcccctggcct 410

<210> 276
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 276
ccaattgagg ccgacttggg ttgaggtaga gctcngggca tgaggccata attacntggt 60
gtggaactct aannggtcgg acaggaagaa tcnatgcntt aaanaaagac atcnctncat 120
tgtgatttgt tcctgccccca ccctaactga tcaatcgacc ttgngacatt ctttccctgg 180
acaatgagtc tcatgatctc cccaccctgc accttgtgac ctccacttct gcccaaaaaga 240
gataaccacg tttaactgtg cttttccact gcctacccaa atcctataaa actgccccgc 300
ccctattctc cctttgctga ctcttttttc gtactcagcc cgctgcacc caggtgatta 360
aaaagcttta ttgctcacac aaaaaaaaaa 389

<210> 277
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 277
tggtgggccc acctancacg cgtgcaaaan gctccncggg tgctcaactt nttctagtcc 60
caactgcgta cgtgcgaccc acggaggcaa taaatatcca 100

<210> 278
<211> 422
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(422)
<223> n = A,T,C or G

<400> 278
actgaggctc attctccacn aagtgtctac cngtctttgc gngggatgag agancacagc 60
gcngngnang ctnagagatt nttcatcent cctcggaagt gctngancan catnttcagc 120
ttgtcttcct gcttgaccac gataagctac aggcagaagg cagatggtaa ggaagggcaa 180

atggtaagga	agaacgcata	cacgcgtatg	ctccctcccc	agcttccttc	ctgatgacct	240
gacaagaaat	ccaggactca	gagcagggct	actgcgctga	gcataagagt	acttgtcttg	300
agctggagag	atgatggctc	aatgggtaag	agcactgact	gctcttccga	aggtcctgag	360
ttcaaatacct	aacaaccaca	tggnggctca	ccaccatcct	taatgaaaac	tgatgccctc	420
tt						422

<210> 279
 <211> 303
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(303)
 <223> n = A,T,C or G

<400> 279						
aggttgtctc	ggagcaaagc	tcagatacga	ccctggaatt	gatttacaga	attgccagct	60
gcccaacatg	gattcttgga	accanacctt	tagaattcaa	caaacaaacn	acccaggggg	120
ctggagagat	ggctcagcac	tcaagagcac	tgactgctgc	tcttccagag	gtcctgagtt	180
caattcccag	caaccacatg	gtgggttcaca	accatctgta	atgagttcca	atgccctctt	240
ctggtgtgtc	tgaagacagc	gacataaaat	gaataaatct	ttttaaaaaac	ccaaaaaaaaa	300
aaa						303

<210> 280
 <211> 238
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(238)
 <223> n = A,T,C or G

<400> 280						
caagactgcc	ctttgggatt	caaacgggag	ccgcttttga	ctgactggct	gccttcctcc	60
tcctccccct	cctccccctt	ctgcttcaga	tttatattatt	atatgtaagt	acactgtagc	120
agttgtagga	cacactagac	gagggcacca	gatctcattg	tggggggcgt	tctggataga	180
ggctgtggca	gaagtttgac	gggcccttnn	tttgcttgca	agggatggga	tgtgggct	238

<210> 281
 <211> 339
 <212> DNA
 <213> Mus musculus

<400> 281						
ggcactccag	ttaagagatt	acctcaaatc	tgaataaagg	ctttggactt	gtgaacagta	60
ttggaattgt	tgaagaatat	ggggactttt	gaagttgtcc	tggacatatg	tttgatttat	120
aagatgacaa	tgaaggctgc	caggaaaact	cagaaagtat	tgtattacct	tttgacttga	180
gttcaatccc	caaagccaaa	gtgtggaagg	agagagctga	ttcctgcaac	ttcttctgac	240
ttctatagca	ctcacatata	tcgggcacat	gcatgagtat	gcacacacac	acacacacac	300
acacacagat	cgaaaatagt	tgtaataaaa	aaaattaaa			339

<210> 282
 <211> 427
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 282
gagcctcttg tgggcagtea caagcccacg gattccacca gtgaccccag gectgctcac 60
atgagtgaag cgttcctccc catggccagc agcagagcgg actgaatgct gggtagacagg 120
ctggcctcag actccggtgc tcaaggatat tcttgcttca ggttcccaaa tagcactgca 180
cactgcacac gtgaatcccc atgcctgatg gtggatnnct gagttngagg ccannctggn 240
ntacanagtg agttccagga kanncnngnc tacacanatn aaccctatct tgaanaacac 300
attaacaaaa ctgacaaata aatgttatcc tttttaacag gtaatagaga atggccccc 360
ggggaccctg naaaaggagc ttntaatcca tcaacatgga gcttgagtct tcttgaggag 420
aaaaaaa 427

<210> 283
<211> 327
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

<400> 283
ctgaggggagc tggagagctg aaggagcgcc agcttctcca gaattggact tctcagaacc 60
tttaatatgc taatgtgcat tgtgaatctc caagatgggg atatgatatg cagcattctt 120
gaatacttct aatgacaggg agcccactac ctcataagta aaccagaca aacagagata 180
atttaacaga aaagaaacat atatcggggg ctggagagat ggctcagcan ttaagagcac 240
tgactgctct tccanaggtc ctgagttcaa tcccagcaa ctgcatggtg actcacagcc 300
atctacaatg tgatctgatg ccctctt 327

<210> 284
<211> 386
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 284
agactgaggt atctgagcgt nngagtcaan ctggattggc aatnggggta gcatggactc 60
ccttggggtg cannatnatg tttggggaan cangnttaat ggnccggtgaa ngccaactan 120
cactgaccgg ncannttggg gacgtnttga aggantctgn ccactctnanc ntnagntgcn 180
ttgaaagcna tgcaaacaaa taccacctga ctaatgcttt tggaagtttt gatcttnttg 240
acaacacaga catcgtgaga tgccaggact tagnaaggnga angngngtnt cactcctggg 300
ccactgccaa ggcttangca tgaaaacttg acatgcggga ctggagagat ggcttanttg 360
ttaanagcac ttgctactct tgcaga 386

<210> 285
<211> 448
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 285
gactgagctt ccctggggccc ccgagatggc tgctcttctg ggcgtcccct cccctggccg 60
gggccgagga cactgctgct gcgcaagagt cttcaggatg gctttgggtt caccctgcgc 120
cacttcacg tgtaccaccc cgagtcggcc gtgcactgca tcctgaagga ggaagagaat 180
ggaggccgag gaggaagagg aggaggagga ggaccctccc cacggcaccg cctggagccc 240
atggacacca tctttgtgaa gaatgtgaag gaatgtggcc ccgcccacag ggccggggctt 300

cgcacaggag accggctggt gaaggtgaat ggggagagca tcattgggaa gacctactcc	360
caggtcatag gtctgatcca aaaaaagnga cnacaccctt ggactntnta ttatgcccaa	420
ggacgaagga catcctccag ctggccta	448

<210> 286
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 286	
ccctcaaagc tcttgctcgc tctgngatga agattgggcg gatngaggat gtcaccccca	60
ttccctctga tagcactcga anaaaagggg gtcgtcgcgg	100

<210> 287
 <211> 268
 <212> DNA
 <213> Mus musculus

<400> 287	
gcttaagttt aaaacactga ggagttggca tccattggaa gaccttgaga tcctctcagc	60
tcagaactcc aggaccgatg catcttccca ccaccttgaa gcactgaaac aacaagaaaa	120
gccgggcggtg gtggcgcacg cctttcatcc cagccatcgg gaggcagagg caggcggatt	180
tctgagttcg aggccagcct ggtctacaaa gtgagttcca ggacagccag ggctacacag	240
agaaaccctg tcttgaaaaa ccaaaaaa	268

<210> 288
 <211> 239
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(239)
 <223> n = A,T,C or G

<400> 288	
agaactgaag cccctacgat acatttncca caggccttgt ggatgcccat ctntactgcc	60
tgaanaagta cgtngtgatg ttcttaatgg agaatagnga acaggcttcc tacatgaccc	120
cancacctta cancacattn gnaganacta tcccnagctg gcataagtca cgcncctgct	180
tgagcacaag gcaagatcaa atccccaaac ctgggattaa aatgaaagca cattcttat	239

<210> 289
 <211> 219
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

<400> 289	
tacgacactc aaaccttggg ggttgcggn c tttggcnggn ttatgggtga nncctgcctc	60
nnentcttnc tgntgtcanc attctccatg aaggagacgc cctctgaaaa aacccttgcc	120
aaccagcgca aggagatggc gaaaactcac caccagaaag gagagaagaa aaagaaggag	180
aaaaccgtgg agaagaaagg aaagaccaag aaaaaaaaa	219

<210> 290

ctggtatata	gtggngtagc	tgcaagtgga	ttgagctgct	gctgctgctg	acctgtgaac	120
tgaacggctg	atttcctgac	aatgcagatt	ggatttgctc	caaagaacaa	tttctaaaca	180
ggtctatttc	ccctgtctcc	caataacctt	tcttttctac	tacctctggt	gggtgttggg	240
ttagaaggaa	ggtcaaagca	tttaagaaca	attattaaaa	ttagggctgg	gaaaaatgta	300
agcatataca	caatgcactg	tggcatatat	ggtcatgtga	cacacatata	catgtaataa	360
tcatgtgaca	cacatataca	tgtaataagt	gaatatgntt	ttttttaatt	aaaacag	417

<210> 294
 <211> 190
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(190)
 <223> n = A,T,C or G

<400> 294						
tgatacacac	aggcctntga	ggaaattnta	atatgttctg	gaagctctaa	agaaaagcaa	60
gagtgcctgg	cagtgggtgga	ggacaccttt	aatcccagca	cttggggagga	agaagcaggc	120
agatttctga	gttcaagacc	agcctggtct	acagagtgag	ttccaggaca	gccagtctca	180
aaaaaaaaaa						190

<210> 295
 <211> 464
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 295						
aaccctagat	tcacggacat	gccggaggag	ttcaacatgg	ncacacacga	ctgtcacaga	60
cggcagattc	tgaacctaca	tcgtgagcgg	aagatgtagc	ctttctacag	gacgcacga	120
gatgcaaggc	aataccgtgt	catagaatgt	cgtaccaccc	aggacgaggg	tgtccccggg	180
gccgaggagg	acacggagcc	agaccttcag	caccagcttt	cagaccccaa	aacctgcgac	240
ttcttcatcc	ccaacagccg	cctgcgagct	atcaatatga	gcctccgagc	gccccctctt	300
cctcctactc	gaactctcag	gccccagca	ctcaggaggc	agaggcataa	agatctcctg	360
agtttaaggc	caggtctaca	gagtgaggtc	caggatagcc	agagccacgc	ggtgaaaccc	420
tgtctcaaaa	agaaccaa	taaaccaa	caaaccaaaa	aaaa		464

<210> 296
 <211> 389
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 296						
ctcttgtggc	ctctctggac	acagtatgcg	catagtgcag	agaaatacan	cctgaaagct	60
ggncnnggtg	gctgtatgcc	tttaatccca	gcacttgnga	ggcagangca	ggcagatttg	120
ngagttcang	gncnncctgg	tctacaaagt	gagttccagg	acagccagng	ctatacngan	180
aaaccctgtg	tcgaaancca	gcatacatan	nancgannga	cnagaanaca	gnttcaggat	240
tcttacntat	aataantaaa	tcttttnttc	aaggatggaa	ctccaccctt	tacttgggtn	300
taagtatgta	tggaatgttn	tgataggaca	tannaatagn	ggncagatgt	ggaaatggna	360
gggagacaaa	tatacatgtg	aaataaact				389

<210> 297

<211> 609
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

<400> 297
 gagccttgct gacccaggct gnaacatcac tgaaaagtgc caccccaaca tgattttacaa 60
 ctntgaatgc ctgcgngngt ngngggccct gnacagtacc gngcagnacag cctacaccac 120
 tcaatgnaag agtcctctcc tccattgctg gnccttgatc acatggctta aagctaatat 180
 tnacctttgn ttcctacgcc aaccaaaggn gaatnccaca tctntgntca catcngggnn 240
 nctactgaaa actgancctt caagcttact gaccgnaaag gatgacttat cggatatatg 300
 aggaagacac attctgnntg agctctgcnt gcctcttcct tgtgtaactg gttcttnttg 360
 aatatcattg natggagacg ccnccatgag cattcttcaa cttccagaca gggtttcctt 420
 gannagctct agctatcctg gaactatatn tgtagnccaa ggaagcctcn aaccacacagn 480
 gatctgnccg cctctgcttt ctgacatgct aggaataaag acacatgcca ccactaccac 540
 tcancactca aataatatat ccttcttccc cctgtaattc ctttccaact cccctcccat 600
 ctgaatctt 609

<210> 298
 <211> 407
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 298
 tgagtgttag gagaattcat gcatccctgt gaagatgaca tcgtgtgtaa atgtaccacc 60
 gaggagaaca aggtgcccta cttcaacgcc cctgtttact tagaaaacaa agagcaagtc 120
 gggaaagtgg atgagatatt tggacagctt aaagattttt atttttcagt taagttgtca 180
 gaaaacatga aggcattctt ctttaaaaag ctacagaagt tctatataga cccatacaag 240
 ctgctgccgc tgcagaggtt tctgcctcgt cctcctggng agaaaggacc tcccagaggt 300
 ggcggcgng gcggcagggg aggtcgagga ggaggaagag gaggcggtgg ccgaggtggt 360
 ggaagaggtg gtggttttag aggaggcaga ggaggaggtg ggggctt 407

<210> 299
 <211> 330
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(330)
 <223> n = A,T,C or G

<400> 299
 acatgacctt gcaagtccn taggnggggg gccattatca tnatggcatt aantgcacag 60
 naggatccag gcgggcatag ctgctggana ngctgagagt tcnatatctt gctctgaagg 120
 ccaacannag atgtcttccg ntcaactagg nggagggnet ctggangccc nccncacan 180
 tgacatactt ctttcaacaa ggccacacct tccancagga gccncctcat tggcggagca 240
 tantcaaacc accacaagaa gtcagactcc caccnanggg atgaggcata agcctctata 300
 actgcatgag aaataaaaga cagaggccgg 330

<210> 300
 <211> 356
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(356)
 <223> n = A,T,C or G

<400> 300
 ttgcctcctc actttcctgg gcattcctnc gagatctcct gcctctcaac cttngctagt 60
 gctattctct gtgcctggga cgataccttt gactcatctt cgactgacct aatggagaga 120
 gcttgggctt tggaggcaga gagacctggg ttccggatttt ggcttcacag cttattattt 180
 ggacaagtcc tttggaaaag tatttaacat tctggagccc cagcttccta acctgtaaaa 240
 atggagatga taacacctac cttgcagggt tgttgtaagg attaactgaa attatatatg 300
 tatctaatagc aattaacata tagtcaataa atgacacgtc gctgtaaaaa aaaaaa 356

<210> 301
 <211> 323
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(323)
 <223> n = A,T,C or G

<400> 301
 tgccaggccc actgctggan cctgtggagc cacacactgn gcaccttttt actggnccan 60
 agattattng gccgggaatn tgggtccctt cncntttcct tgataactgn nngnnagnag 120
 cagnanaant ggagntttga tcacgaagan gatnangaaa gaggtatnca catggccctt 180
 aggctaaagt cacacagcca gctcttgctg gctgtcaaag gctcttgatt ttctctcaga 240
 gcattttatt tcactttgat ttgggggaaa caaaagtgga ggtacaatca atccttgctg 300
 attgtgaagg tcaaaaaaaaa aaa 323

<210> 302
 <211> 317
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 302
 gactgagtat tactgcgact atcaaaagta ggntgttgac atgggagaca cccgggaggg 60
 caccaaggct ggattncatc acggcatgga atgagcctca ccaaggcttt tgaaaatgtc 120
 cttccgnnct ggagagatgg ctcannggtt aagataaaca ccaacaactt ttccagaggt 180
 cctganttca aatcccanta accacatggn ggctcacaac catntgnaat agggctctgat 240
 gccttcttct ggtgtgtctg aagagagcaa tgggtgtactc atatacatca aataaataaa 300
 tcatttataaa aaaagaa 317

<210> 303
 <211> 175
 <212> DNA
 <213> Mus musculus

<400> 303
 gtagtagctg gcaaccctgt ggaccttggt gacctaatgc taacagctct gacagactag 60
 tgctaacaac ttagcaacaa agcatcaaga agcctggggg ggcaggggat gggcctcccc 120
 cctttataag agcagactct tagtaaaact tgggccatga ttggaaaaaa aaaaa 175

<210> 304
 <211> 261
 <212> DNA
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 304
cttcttgtgg aaatctgaan ncacggacgg gnaacactgc ctggtctcca tancaggaac      60
tacagccagg tcctctgaaa gagcagccag tgctcttaac cccaagcca tctctccagc      120
ctgagagtgc gtgttcttat catgagaaga caaacagcag tggagttggc aagctgcctc      180
agtgggtaaa ggtacttgct gcaaggcttg cagcctgatt tcgattccca gaaccagag      240
aatagaagtc cgaaaaccaa c                                          261

<210> 305
<211> 322
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 305
tccttctctt aggaggctng cttcactggg gccccctnag nnaggnggtt gaaaccctct      60
gnacccatt atttcttttn ncatncnctt tnatgcttct ntctggaaca gtcagcggna      120
gtngaaacct tnttccattn ggtcctcgtg gcaanggcag agattgctcc agcagctcca      180
cacagtatgc aagacatctt ttataattnt tgntttttga aatgggggnc cactgnatag      240
ctttggctta cctgtaacat tctcttgctt ttacctcctg agtgctggga taaaaggcat      300
gnaccaccta tactcaagaa ta                                          322

<210> 306
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 306
actgagggca ggtgagatgg ctcagcannt ataacagntt gttgcacaag cctcaggacc      60
tgagttcaat tcccagaacc catggaaaag atggaaggag agagctgact tgacaaaact      120
gtcttctgac cactgtacac ggactggagc cacggactgc attgtacagg aaaataataa      180
caatttgtat gaaaaaaaaa a                                          201

<210> 307
<211> 200
<212> DNA
<213> Mus musculus

<400> 307
gttggatctc ctggaaacat gaatcacaga aaggtgtgag ctgccattcg ggtcccagga      60
actacagcca ggtcctctga aagagcagcc agtgctctta accccaagc catctctcca      120
gcctgagagt gcgtgttctt atcatgagaa gacaaacagc agtggagttg gcaagctgcc      180
tcagtgggta aaggtacttg                                          200

<210> 308
<211> 247
<212> DNA
<213> Mus musculus

<400> 308

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gactgagaat	gttggcttcc	agagcgctga	gcctgattgg	caaagagagc	catttctact	60
tgggtgtgcc	ttcgagcaca	tgggtgagcag	gacttttact	cccttccctg	cccttttctt	120
tctcctccct	ttggtttttc	atgacagggg	ttctctgcat	ggctctggct	gccttggagc	180
gcagagactt	aacctgcctc	tgactcccat	gttctgggat	taaagatgtg	caccgcaaaa	240
aaaaaaaa						247

<210> 309
 <211> 185
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(185)
 <223> n = A,T,C or G

agtttaactc	tctggagacc	ttcttgcaac	aggagacaaa	ggtggcagag	ttgttatttt	60
ccagcgggaa	caagagcacc	cacatggcgg	ctcacaacca	tgagatctga	cgctcttctg	120
gtgtgtctga	anacagctac	agngtactta	catataataa	taaataaatg	tttaaaaaat	180
aaaaa						185

<210> 310
 <211> 183
 <212> DNA
 <213> Mus musculus

ggacggtgtg	gaaaacaaga	acagagagat	atgccaaagga	atgctgacca	taatcagaag	60
ctaaaagagg	caaagaacag	tctctctcct	agagcctcca	gaggggcctc	aatatcttga	120
ttgcagactt	ctgggctcca	aaattttgag	aagaataaat	tcctcttggt	ttaaaaaaaa	180
aaa						183

<210> 311
 <211> 601
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(601)
 <223> n = A,T,C or G

actgaggag	gagtacgtag	tatcccntct	centggctng	ctacctnntt	gataggaant	60
ggnnntgann	gntgattnca	cctgnncnc	tnantgggn	aacctgnnga	gccanncacn	120
tgcnnctttc	tactgnacca	gagattattn	ggnggnaatc	gngtccctc	ccccttcctt	180
nataantgan	gnagcancaa	tnaaatttga	gccttganca	gaagntaaaa	naacacttgn	240
tgctgangag	ggactgtntt	ccantgaatg	ccnangtcac	agagtttaga	aatgcgactt	300
tcagctcatt	ccttccattg	ttggacaagg	atccccctgc	ccaggacttc	tctgtgaaga	360
tggctccact	cttcaaggac	ttcatgacca	cctataaccg	gacttatgaa	tcaagggaag	420
aagcccagng	gcgattgact	gtctttgcaa	gaaatatgat	acgagcacag	aagattcagg	480
ccctggaccg	cggcacagct	cagtatggga	tcaccaagnt	cagtgacctc	acagaggagg	540
aattccacac	catctacctg	aatccccctc	tacagangga	gtctggcagg	aagatgagtc	600
c						601

<210> 312
 <211> 322
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 312

cagtgtggac	ttcccacgca	ctgcngatgg	tgacctgnct	ggcnctgtgc	acnctnaact	60
gcnggaccat	nactttnagc	cantgaggcc	tgngngaacc	atnttcaagc	ttttcancgg	120
agaanacgtn	ctgtatgang	gggactccat	tgngtaccct	gtgtgnatta	ntgaggcnag	180
ccantnnnga	acatncctcc	atggcctntg	catcagctcc	tgctccctga	cctgcttgag	240
ttccagtcct	gacttccttt	ggtgatgaac	agcagcatgg	aagtgtgaagc	cgaataaacc	300
ctttcctccc	caaaaaaaaa	aa				322

<210> 313

<211> 289

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(289)

<223> n = A,T,C or G

<400> 313

gagcctttgt	tctctaggct	caaggtgctc	cagtgagtga	gacaagcgag	cgaaaaagca	60
gctccagaag	gcctactcaa	gaaaagaaga	cctgggctgg	tgagatggct	cagtgggtaa	120
gagcacccga	ctgctcttcc	gaaggtccga	agttcaaadc	ccagcaacca	catggnggct	180
cacaaccacc	cataatgcga	tctgatgccc	tcttctggta	gctctcttca	cacagtgtac	240
ttacatatata	taaataaata	aataaataaa	taaatcttaa	aaaaaaaa		289

<210> 314

<211> 313

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(313)

<223> n = A,T,C or G

<400> 314

gcagaggcct	ggctgtctct	gttggtacgn	gccactgctg	ctgattcctg	tctgctgtcc	60
tgactctatg	gacctggact	gctggtgtac	ccatgaagtg	tttgtgagta	gacggagctg	120
ccactgctga	cctctaaacg	aaactgccga	tttccagaca	acacaaatgg	gagttgctcc	180
aaagaacctt	tctaaacagg	tccacttgcc	ccatatcctt	tctttgccac	tacctctggt	240
agatgggtggg	ctaaaagatg	ttaaaacatt	taagaaccat	cattaaaaat	agatttaaaa	300
taattaaaaat	gac					313

<210> 315

<211> 441

<212> DNA

<213> Mus musculus

<400> 315

atggagcaac	tatccgatga	agagattgac	catgggtgctg	acaaggaaga	tcaggacctg	60
gataaaatgt	ttggggcctg	gcttgagaga	tccagctcca	gcattaaatc	cggatccagt	120
tcttccagta	tcccggagtc	tcagtcaaac	cactctaadc	agtctgacag	cggagtgtct	180
gacaccctgc	caactggaca	tatccgttcc	caaagtaccg	tgagctccat	cttctcggaa	240
gcctggaagc	gaggcactca	gctggaagag	tccagcaaga	ggaccagagt	tcaattccca	300
gcaccctcgt	cgggcaactc	aaaaccacct	ataactccag	ctccaaagga	tccaatgtcc	360
tcttctggcc	tccaaggcac	ctgaacatgt	gtggcataca	tacacttaaa	taaataaaaag	420
tagatttttta	aagaaaaaaa	a				441

<210> 316

<211> 294

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 316
gctgccatgg cgtcacgcat cgggctgcgc atgcagctca tgcgggagca ggcccagcag 60
gaggagcagc tgagagcgca tgcagcagca ggctgtcatg cattatatgc aacagcagca 120
gcagcagcag cagcagctgg gtgggcccc caccacagcc ntcaccnccc ctgtacaccc 180
cnanacntnc ctntntgngc ctntnggctt ctctgtgctn ngtagacccc aaatgatggg 240
aaacagtttt cttgttttaa gaacagtaaa gccattctat atacaaaaaa aggg 294

<210> 317
<211> 219
<212> DNA
<213> Mus musculus

<400> 317
cccaagtccg gccttcatgc caccatgctc ccactatga taagtggact acacctatga 60
aaatgtgagc aagccccagt aaaatgtctt ctttggttgt ggctcataat catctgtaat 120
gggatatgat ggactcttct ggtgtgtctg gggacagcaa caatgtactc atacaatcaa 180
tcaatcaatc aatcaataaa taaataaatg cagattcag 219

<210> 318
<211> 449
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

<400> 318
aactgggaaa cgtaggtctg aatggagatg ggctgcagac cgagcagcta ttgtcagccc 60
gctggaactg gcttcaggcc catgtttctg acttggaata tcgaattcgt cagcaaacag 120
atatttacia acagatacgt gctaataaga tatttgtgct tgggaatatag cctggatcat 180
ctgcaagagc agtaattgca cttaaccctt gagccgtctc tccacactgc atgctgtggt 240
ttaaactggt agtatggggc tgggtgaggta atttagtggg ttagcgtgct tgctgccaac 300
caagcatgat gacccaaatt gaatcttcag gacttccatg ggtggaaagt gactcatgtg 360
agttgncctc tgggtgtactt atangcatgg ggcgtgcaca tgccnacata aataaaggga 420
aaataaaatt taatcttttc ctatcttac 449

<210> 319
<211> 424
<212> DNA
<213> Mus musculus

<400> 319
tgaatcgacc agttttgaga ggagaagatg gggacaaagc ggctcctcct cctatgtcac 60
gcacagctgt ctgggattcc tatgccacca ccacctatgg gacttcccc tctacagcct 120
cctccaccac ctccaccacc tccaccaggc cttggccttg gctttcctat ggctcaccac 180
ccaaatctgg ggccccacc acctcttcga gtgggtgagc ctgtggcgct gtcagaagaa 240
gaacggctga agctggcaca gcagcaggca gctttgctga tgcagcaaga ggagcgtgcc 300
aagcaggcag ctgtgttaat ggagcaggaa cggcagcagg agatcgccaa gatgggcact 360
gcagtccttc ggccgcctca ggatatgggg cagctgggtg tccgtactcc tctggggcct 420
cgcg 424

<210> 320
<211> 558

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(558)
<223> n = A,T,C or G

<400> 320
tgagcatctt gccaaagtcc aggcactccc tacacccagg gacagctcca gagaagcaac 60
ctccagatgc tccaacctcc tgggnccgnc ncagacactt caactggact tgttccttct 120
gatctatcca cagaccctgg acagcaagga aagagccaac tcctaagact gaacaaactc 180
ccccatatcc attcttctag gttccctaga gacacatggc cccaaagcca gcaggaagtn 240
ggcagatata acaatgacct tatttctgct tcaccatcac ccctttctaa tcttttcctt 300
tttaattctg gctaagctcc gcccacagt tacctggcaa caggcagggtg tgcctgacct 360
actataaaaa ggggcgcgtt gcccctcct ccctgtcttg ctctctctt gctctcttgc 420
tttctgtac ctttcccccc acccccacc cccaancccc gngctcatgg tcaagcctct 480
tctctacttc tctctctntc tctctccctn tntctgnctt tctttgctnt actaccctct 540
aaactcccat ccccatgt 558

<210> 321
<211> 489
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 321
gactgagggc ccacctgtct ggaaatggat cgttcttact gaacttcgca ggctgcgcag 60
tgtgcagtaa gcgggacttt atgctgatca caaacagatc cctgaaagag gaagatggag 120
aagaaatagt tacctatgac catctgtgta agaactgtca tcatgtagta gccagacacc 180
gagtatacat tcagcatcat ggatgaattt caggaatata ccatgctgtg tctgttgtgt 240
ggcaaagctg aagatactat cagtattctc cctgatgacc cccggcagat gactctgctg 300
ttctaagcct cccgtgggtc tcttgtaact gtgttggctt ggtttaaaat agagcaagcc 360
tagggctgga gagatggctc agtgggtaag agcaccgcac tgctcttccg aagggtccgaa 420
gttcaaatcc cagcaaccac atggnngctc acaaccatct gtaacaagat ctgactcctt 480
cttctggag 489

<210> 322
<211> 448
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 322
tgaggagctg gtgagatggc tcagcagtta aaagcactga ctgctcttct gaaagtcctg 60
agttcaaata ccagcaagca catggtggct cacaaccatc tgtaatgaga tctgacacac 120
tcttgtgggt tgtctgaaga cagctacact gtacttattt gtaatcataa ataaatcctg 180
ggccggccgg agctagtgga gtgtaccaga gcgagcagaa gtcctaaatt caattcccag 240
caagctgatg aagcttcggt acagctacag tatgtactca tctacataaa ataaatgatt 300
aaattcttaa aataaataaa taaatctgat tctattatna aaatttgcta ctacagntta 360
aacttctaata ggactctnga tcttagtgcc ttattgggat aaatactttg cacagatttt 420
tntncccttg gnagctatgt ctcatttc 448

<210> 323
<211> 360

<212> DNA
<213> Mus musculus

<400> 323
gtggacatcg aggccctgtg ggtggcccta cagcgtggaa gggatgaccg agctttggga 60
catgtcctgg aaacctaagg tgctggagct agaagagact tgatagcact tcagagacca 120
tcaggctgtt tcgtggaact tccaccaaag agatgcagaa atggagactc cagagctgga 180
gagagagaga tgactcaact gttaaaagca ctgactgctc ttccagaggt cctgagttca 240
attcccagca accacatggg ggctcacaat tatctgtaat ggggatctga tgccctcctc 300
tggtgtgtct gaagacagtg atggtgtact gacatatatg aagtaaataa gtaaattaat 360

<210> 324
<211> 530
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(530)
<223> n = A,T,C or G

<400> 324
atctgaggac cccggcgaga cgcagnggcc gccaaagagct tcattcttggga catgtatgcg 60
cgcgtgtacg cgagctgcgc agagccccag gacggtggca ggaaaggctc ccgcgcgcgc 120
cgcttcttcg cacacttcac ctgtgccacg gacacgcaaa gcgtccgcag cgtgttcaag 180
gacgtgcggg actcgggtgct ggcccgggtac ctggacgaga tcaacctgct gtgacgcggg 240
acaggggaacc ccaagcgcgga cgcggtcgtg gcgaggacat acctccccct ggtggccgcg 300
cgtggaactg caggtccagg agctgccaaag tggggaagcc agcccacagg gagagagtcc 360
ctgcttccta ctgggcccccc aagcccagct cccctgtaat ttattccctc gcccttcttc 420
tagtttgttg gagaaaggac atgagccggg tctttaaccc cagcgtccg gaggcagagg 480
caggaggatt ttctgtgagt tccaggacca tgttttcaaa aacaaacaaa 530

<210> 325
<211> 350
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 325
agactgaggc tgtttccctt gcaatttgtg cagttgtttg tgcatgatga gagccgncag 60
cagctcaagg tcaagttccg aactggccgc gccttctact tgcaactgcg ctctcctnca 120
gagacccgcg actgcgagtt tgnccgctgg ntgcggnctg tctaccgcct gcgattccac 180
tcgcccacct gcgcagtgcc cttcacgcac gaggacactg ctgcctgang aagaggagga 240
ggaggaggng gaggagggtc anaantcagg cgagatgagg gaggacagcc ctcagtggca 300
tcacagggtc aggatggngg ctgtttacac agngctttct gctttccagg 350

<210> 326
<211> 315
<212> DNA
<213> Mus musculus

<400> 326
ccccctccaa ggaaacagcc cacctggaaa cctcctcctt ggaatggtgt agcctcccat 60
aagcctgaag caggctgagc caggcttgac tttgttgcca ctaaggagat cacctggggg 120
ggagcctgcc tccctggatc actctattgt tctgccactg ccactgctgc cacctgctgc 180
ctagctgttc tggagcctac acgtgggtcac ttgcagctgg gctccaagaa tgatttggcc 240
gggaatgggc tttccctctc cctttataaa gcgtgtccgc cattaaaaat ttgaaccttg 300
atcagaaaaa aaaaa 315

<210> 327
 <211> 422
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(422)
 <223> n = A,T,C or G

<400> 327
 gaactgagga agaagatgag cctgaagtc naacgcaggg gaattcatgt ggatcaatnt 60
 gagctcctgt gcaagaaagg atgcgggttac tacggcaacc ctgcctggca gggtttntgc 120
 tccaangnct ggaggggagga gtaccacaag gcccgggccg aggcagatcc aagaggactg 180
 ggaactggca gaacggatat ttgatcacac tgtgaacctc angattgggn tatttactga 240
 aantaactgg tgggctggca agatggctca ccctgtaana gtactgatcg ntctttctga 300
 acatcctgag ttcaaagccc ttgcaaccac ccgtaatgag atctgacgcc ctcttctgga 360
 gtgtcagaaa acagctgnag ngnacttatg tataataatt aaaaaaattt taaaaaaaaa 420
 aa 422

<210> 328
 <211> 294
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 328
 tgaggtgggg tcttttcattg tcagcgcctca tttccctgct gnaagcttgg cgnagccggn 60
 nanagctgcg ggggtgaacat tgagaggnac cggcatagca tccgctccgg ctcttcacgg 120
 agaagatggc cgagggcgag cggcagccgc cgccagggtc ggagttcaaa tcccagcaac 180
 cacatggttg ctcacaacca tctgtaacaa gatctgacgc cctcttctgg agtgtctgaa 240
 gacagctaca gtgtacttac atataataaa taaataaatc tttaaaaaaaaa aaaa 294

<210> 329
 <211> 460
 <212> DNA
 <213> Mus musculus

<400> 329
 aactgaggct ggcattgaac ttgctatgta gctgagatgg ccatgaactc atgatcttct 60
 tgcctcttcc tccaagtgc ctgggttaca ggctgtgct actatgccca gtttgtgtag 120
 tgctgaaggt caaattcagc atttccccgc ccgagaggct agcactgtgc caactgattt 180
 gcatcgccag ccacaaagtg aagctggagc cctgcgtcag aagtctagtt ttataggcaa 240
 ctgtcctgtg atgtcagcgg tgcagcgcgt gtgccacctt atttagctaa gcagatcgtg 300
 tacttcattg ggatgctgaa ggagatgaat gggcttcgag tgaatgtggc agttaaacat 360
 accttcattt tttggacttg catatttagc tgtttgaaca gagttgtttc ctttctgaat 420
 ttcaaagata agactgctgc agcccatca caatatccag 460

<210> 330
 <211> 495
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

<400> 330

aactgaggtg	aagcatggct	aaaagcctgc	ggagtaagtg	gaagaggaag	atgcgggccg	60
agaagagaaa	gaagaatgcg	ccaagggagc	tcaacagact	gaagagtatc	ctcagagtgg	120
acggggatgc	tctaataaaa	gacgttgagg	agatagcaac	cgtggtggta	gccaaacctc	180
gccaggagaa	aatgcagtgt	gaggaagggc	nggtgtgacg	gcgcagatga	ggaaaaggat	240
gacatgaaaa	tggaaactga	aattaagaga	aacagaaaaga	ctcttctaga	ccagcatggc	300
cagtacccag	tgtggatgaa	ccagaggcaa	agaaaaagac	tgaaggccaa	gagagaaaag	360
aaacgagggg	aaagcagagc	aaaggccgcg	aagggcctgg	cctggtagac	cttaaagact	420
ggcaagggag	acaggcgtgg	tgggtgcacc	ctttcatccc	agcactcaag	aggtggaggg	480
aggtggatct	ctgtg					495

<210> 331
 <211> 445
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(445)
 <223> n = A,T,C or G

<400> 331						
gttgatggga	acaaacacag	agacccacag	ctgcacantg	tgcagagact	gagaaacctt	60
ggaactcgca	gncctaaatg	ggatgtgtcc	atnagatntc	tcntgctann	gactcagggg	120
actctggcag	aaagactgta	ggagccaacg	agnatgaana	ctgccacacc	acctccngtn	180
agatctgngt	gacangttcc	acagactgag	gcgattgacc	tcaaaagggg	gaggcctcat	240
ggacccagtt	gtggaactct	tgggcggagg	aaaaatattg	agccgtagnt	ctcatggcaa	300
tatatctgtt	ttgnttntcn	ttattccttt	tcttattttac	atgtncctgg	nagctgaggg	360
caaggtctta	agcgagaata	atgggtanta	aaccatccnt	anagatgggg	ccactancat	420
gancttctnc	ccagggaatc	aaagc				445

<210> 332
 <211> 382
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(382)
 <223> n = A,T,C or G

<400> 332						
actgagccta	aattgtatag	atctgtgatt	gaagatgtta	ttaatgacgt	acgagnacat	60
ttttctggat	gacggagtgg	atgaacaagt	cctgatggaa	ctaaaaactt	tgtgggagaa	120
taaactaatg	cagtctaggg	cagtagatgg	atttcattca	gaagaacagc	agcttttgtt	180
gcaagtctcag	cagcagcatc	aaccccagca	gcagcagcat	caccaccacc	accaccagca	240
ccagcaagcg	caacctcagc	aaacgggtacc	tcagcaagca	cagaccacgc	aggtcctcat	300
tcctgcaccc	cagcaaggtg	agaaggctgg	aggtccctgt	tgtgccttac	aagttacact	360
tgtcttttga	aagtaaaaaa	aa				382

<210> 333
 <211> 382
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(382)
 <223> n = A,T,C or G

<400> 333						
tcacttacaa	ccacatcacc	ttctnecatca	tgatcctcta	cctnactgaa	gctgantcca	60
cagtgtctgc	tgatccaana	ttgtcatcgg	aggaggctga	accgtttcac	ccentgcggg	120
nganactccc	aggcngnact	catcgtanct	ggnaccccat	cggggatatg	ccaaacacac	180

tggcagttct	cctcaaacgt	gacaccagca	gncttcaccc	agcannaaga	ccaagcagcg	240
ccactccaga	acgcagagcc	ccctccaggc	cttctcccag	attacctgat	tttgattnaa	300
ctttgggaag	gggnatctgt	ctaaaanaaa	atcntccatt	tcactctagat	tttccagttt	360
tggcnaatat	aggcttttat	aa				382

<210> 334
 <211> 222
 <212> DNA
 <213> Mus musculus

<400> 334						
cgggcagcga	tgatgtgacg	aacgcagggt	attctgcagc	caatttcta	tcaatttttcg	60
ccaactccac	gggtttctct	gtagccctgg	ctgtcctgga	actcactttg	tagaccaggc	120
tggccttgaa	ctcagaaatc	tgctgcctc	tgctcccga	gtgctgggat	taaaggcgtg	180
ccgccatcac	gccagcaa	aaataaatct	taaaaaaaaa	aa		222

<210> 335
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 335						
ggaactcact	gcgtanatng	ggctggcctt	aaactcactg	anattngtct	ttntcctgcc	60
tgctgaaatt	aaagtngngc	gtcaccctga	aaaaaaaaaa			100

<210> 336
 <211> 100
 <212> DNA
 <213> Mus musculus

<400> 336						
tgaacaagaa	gatgtccacg	tccaagagga	aagccaggat	gggcaagagg	aagaagtcac	60
ctgttgaaga	tgttggacag	agagagtcag	aaaaaaaaaa			100

<210> 337
 <211> 483
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 337						
actcctctga	gagacttgca	gcagttggat	ttagccgggg	caccgtgtga	gcagtgacgg	60
atggctttac	ttcatgaatg	tgtttgagaa	tctgaagcag	ttagtgtttt	ttgacttttag	120
cactgaggag	ttcttaccgg	atgcagcact	ggtgaggaaa	cttagtcaag	tgttatccaa	180
gttaactctt	ctgcaagagg	taaagctcac	gggctgggag	tttgatgact	atgatattag	240
cgctattaaa	ggcaccttta	aactagngac	tgcttaatgc	acctgtgcca	ccaaataactc	300
caggactccc	tcacttccag	caaataatta	aaagctacgc	agaagtgggg	ccacagagct	360
ggctcagagg	ttaagagcac	tggtgctctt	tccagaggac	ctgggattga	ttcgcaccac	420
ctacaagggtg	gctcacaacc	atctgtaact	ccagttccag	ggggatccaa	cattttctga	480
tct						483

<210> 338
 <211> 406
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 338

gattcttcga	cttcacatcc	acagctgccc	attggtgggt	tagctggact	acaaattggc	60
actgtctcca	gtccgctgtc	ccttcctaac	agaggcacct	gttcctgggtg	gcacagttcc	120
tggtggcatt	cagagtgcc	gggaaagcaa	caggaggagg	aagaggggag	caggtctgag	180
aagcagaagc	gcactctggtg	gtgaccatcg	ctaggaagag	aaggaggcaa	ggatcgggcc	240
aggagaaatg	atgtccaaag	tcaaacnagt	catacaagat	ctcactgtgg	agaaagacaa	300
aggnggggag	gcctccagac	ncagtgaaga	anaatcccac	cttctggaaa	gaggnanaga	360
ccaagaatcc	tggaggttat	gtcaaangga	aagtcaggcc	gacttg		406

<210> 339

<211> 253

<212> DNA

<213> Mus musculus

<400> 339

tttgagccct	gaggcctggt	gaacccatct	tcaagctttt	cagcggagaa	gacgtactgt	60
atgaggggga	ctccattgtg	taccctgtgt	tcattaatga	ggcaagccag	taaagaacat	120
ccctccatgg	cctctgcac	agctcctgct	ccctgacctg	cttgagttcc	agtcctgact	180
tcctttggtg	atgaacagca	gcatggaagt	gtaagccgaa	taaacccttt	cctccccaac	240
ttaaaaaaaa	aaa					253

<210> 340

<211> 379

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(379)

<223> n = A,T,C or G

<400> 340

tgagtggcag	cccagcagca	gcagcagcag	cagtgggagc	aggaacagca	gtaacaacag	60
caacagcagc	acagccgcct	cagagctttg	gctcctgagc	cccctgtggg	ctgaaggcat	120
tgcaggtagc	ccatggtctc	agaagaagtg	tgcagatggg	attaccgtcc	acgtggagat	180
atggaagagg	accagggatt	ggcactgtga	ccatggtcag	ctggggggcg	ttcatctgcc	240
tggtcttggt	caccatggca	accttgtecc	tggcccggcc	ctccttcagt	ttagttgagg	300
ataccacttt	agaaccagaa	gatgccatct	catntggaga	tgattgagga	cgacacagat	360
agctccgaag	acgttggtca					379

<210> 341

<211> 303

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(303)

<223> n = A,T,C or G

<400> 341

tatgctagtc	actctcctaa	ctgtaaatca	acactaagag	cactagaagg	ttaaagggtca	60
aggagactct	cacaaaggat	ccaggaatct	ccagattgat	ttccagaatg	gttgaccagt	120
ttgcaattcc	acaagcaatg	gaggagtggg	cctctttctc	cacatcctgg	ccagcaagtg	180
ctngtcacct	gagtttttga	tcttanccat	tctgattggn	ggaagggtga	atctcantgt	240
tgctttgatt	tatatTTTTT	tngatcacta	aagactttga	acattttctt	tgaaaaaaaa	300

aaa

303

<210> 342
<211> 376
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(376)
<223> n = A,T,C or G

<400> 342
gactgagtac cgttccccag ctgaagagtt ctgaatccac gccggatcct tctcaacagt 60
ctgtttttacg ggaaccttta ttaaccactc cttccccgtg atgcagttct gaatcctccc 120
tgtagcaggg ggtcttcgct cgtgcctgaa agatgtttct tgtcccgggt ctcagcacca 180
cttgttgcac gcgcccccaa ctgcgccagca agaacgacgc tgctacagga tcctttctgca 240
cacgtttatt cagtcctatt tctttcttgt ntatatctcc cttgtttata tctcccctgn 300
ttatatcttc cttgtttata tctcccaata ataacaatcc tctctcgaat aataatcctc 360
cctctaagaa aagaaa 376

<210> 343
<211> 440
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 343
tatctcacac cacagctatg caatacctag gaanangata ctgategcct ggaactangg 60
aaacaagtgc ganagntnng ctnanngtaa atntacttan gnctanagga nccctcgggc 120
gagctatacc tggactcctt ggtggngatg acagacgaca ggctgattgg ntgctagcca 180
ggaccacnct tctccttggt ctgggttctnc tccaaactgc nacttaatgc acctgcaatg 240
aaaangggcc cacaccagta accagatgct gcantgagcc gntttatttt gctattacaa 300
ctgggcanat nagacaattt taagccangt ggnggngatn tatgtctttg attctagcac 360
tcaggaggca gaggcaggtg gatctattga gttagaggcc agcctgggtc atagagttag 420
ttccaggaca gtcctgtggt 440

<210> 344
<211> 428
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(428)
<223> n = A,T,C or G

<400> 344
ttgctagggg tggagcttcc tgctcattcg ttctaccgcg cnnactggtg gancctgagg 60
agccacacac gtncacctt gtncctggann agantattat cangaggga tggggncccc 120
tcccccttcc ttnataanna gttgncctnn cannnngantn nganccttga tcagantact 180
nacanaaaga aagactgntn gnnnaaaaat ggctgttacc ttgagaagaa ttttggtatgc 240
ccaggctggt gaanaaggga ctgacantgg accatcttcc tagaactccc anctaaatac 300
ttnaggacac atcttntgga atgnatttna cttttgaggg ggaggagaa attgacttat 360
tgattcctaa attctttgca ggatcagaan gncngccttt gttacagagt naacacagaa 420
ccaacact 428

<210> 345
<211> 325

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 345
gactgagatt gacaattgcc ttttttgcac tctctgggct ggatatgctg gactccttgg 60
atgtggtgaa caaagacgat ataatagagt ggatctactc cctgcagggtt cttcccacag 120
aagacagtga actanataat nnggtgcttg ctcanagnna tnnattgnat ggatnnacn 180
accnnnaatg gnggagccan agaaagnagc caangngctg aaggngtctg cntccctata 240
ggtcnaacag anagtgcnaa ctaaccanta ccncanagc tngtgtatct agctgnatat 300
gtancaaang atggcctagt cggcc 325

<210> 346
<211> 391
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 346
agactgccct ttggtattca aacgggagcc gctttggact gactggctgc cttcctcctc 60
ctccccctcc tcccccttct gcttcagatt tatttattat atgtaagtac actgtagcag 120
ttgtaggaca cactanacga gggcaccaga tctcattgtg ggngggtgag tacnnccnng 180
catngcngnt agggncgatn ggnactcagg gataanannn ntgactagct cttggctntn 240
anccggaana tacantatgt gcnggctant gcacttcata tattaaggca atgaatgatc 300
cnntcatggn acgacagtct gccctccctc ctttttgagc cattttccct ctttcaccat 360
atactcaata aaataagtaa atgaaaaaaaa a 391

<210> 347
<211> 294
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 347
gactgaggat aacgcgtatg gagtgaaact ccccnctgca gggttgcctg ttagcttcct 60
gaggtctcag cggagatatg gactgtggga gtgacacttc anggactggg aggctgtggc 120
cttgctggca gaagtgcac acagggacag gccagtagt ttctctccag tctcctctcc 180
agcactactt ccgtcttcct gccacaatgt tccctgaaat gaagataatg aactgaacct 240
tagaaattgt aagccagccc caattaaatg ttccatttta tttaaaaaaa aaaa 294

<210> 348
<211> 432
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(432)
<223> n = A,T,C or G

<400> 348

actgaggtga	tgtacaactt	tttgacctcc	agaaaagctc	acagcaaacc	cacagtttct	60
ataacacaaa	cccaagatgg	aagtcctgtc	tactgtctcg	agtttaacag	ccagcagaca	120
cagctcttag	ccgctgggtga	tgctaagggc	atgggtcaaag	tgtggcagct	gagcacagcc	180
ttnacagaac	aagggccccc	ggaggtggag	gacttggatc	agntanaanc	agaaatcact	240
acctgagggc	tggtgagatg	gctcagcggg	taagagcact	gactactctt	ctgaagggtcc	300
tgagttcaaa	tcccagcaac	cacatgggtg	ctcacaacca	accgtaatga	gatctgatgc	360
cctcttctgg	tgtgnttgaa	gacagctaca	gtgtacttac	atataataaa	taaatctttt	420
taaaaaaaaa	aa					432

<210> 349
 <211> 462
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(462)
 <223> n = A,T,C or G

<400> 349						
cctttatttaa	ccgctccttn	ccangatgca	gntntgaatc	ctccctgtaa	nnataggggt	60
ctttgctcgt	gcctgaagat	gttncttgtc	ccgggtttcn	gcaccacttn	ttgcgcgcgc	120
tcgactggcc	angaagaacg	acgcttcaac	aggatccttn	tgcncactgt	ttattgngag	180
agcttnattg	tanaggcnaa	aagacttttt	gcccagagct	ggcgctgctt	ttataggcct	240
aggagaggcg	tgntcatac	cctgattggn	tatgcactaa	gcctcatttg	catgttcctc	300
atctgattgg	ctactctctc	tcagtacctc	acagagcctc	attatcatat	cncattngna	360
tgtctcacat	ccaattggct	actntattag	naccttacag	aanctgatta	tcatgcctgg	420
gccaagcagt	gtttttgcaa	aanncttttc	ctgcatatgt	at		462

<210> 350
 <211> 335
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

<400> 350						
aagagcccac	tcccacccgc	tcaacacaa	cctccacatc	agcatgttcg	aagtgggtcca	60
agagcactcc	aacagggagt	ctgacttggt	cttttttgat	cttcagacag	ctccgatctg	120
gggacgaggg	ctggctgggt	ctggacatca	cagcagccag	tgaccgatgg	ctgctgaacc	180
atcacaagga	cctgggactc	cgntcttatg	tggaaaccgc	ggatgggagg	gagatgtagt	240
ctccccctcc	ccagcctgna	acctngcttg	ctcggggngg	agcttnctgc	tnattcggtc	300
tgncacgccc	actgctggaa	cctgaggagc	cacac			335

<210> 351
 <211> 262
 <212> DNA
 <213> Mus musculus

<400> 351						
agatggggccg	agagctgggg	ggtgcgccca	gacgcctcgc	cagccaccag	tctgagttgg	60
tctttcgaag	cagtaggaac	ctgtcacctt	cagccagaga	cacctgccgg	ccatctgccc	120
cagtgtcctg	agttcaaate	ccagcaacca	catgatgact	cacaaccacc	tgtaatgaga	180
tctgatgcac	tcttctggca	catctgaaga	cagctacaat	gtacttacat	ataataaata	240
gataaatatt	gaaaaaaaaa	aa				262

<210> 352
 <211> 161
 <212> DNA
 <213> Mus musculus

<400> 352
 tggcccaacc aaagtctttt ggataaagca ccacaatgga caatgtaagg aaggcagcca 60
 aacgcttacg cttcccaagg cacagatctt tcccagcatg ggaaagatcc tccctccctc 120
 cctccctccc tccctccttc caccatacac tttattaaaa t 161

<210> 353
 <211> 526
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(526)
 <223> n = A,T,C or G

<400> 353
 gactgagtgg ataatcttcc tgtcctacac ctgaccaagg catcccctaa aagccccagg 60
 gaggctggac catggtacaa gaactgcctt catccatcac cgtgagcaag tgtggaagag 120
 atgcatcaat gtttgggnag ncatagccca cttntggctt accataggcc atgngctacc 180
 gancctgntt ngggcatctn ttgaatggct gcttattgca gtntgtgcct tcatattncc 240
 acaaancata ttatcggnat ccatttttat ngtaaaactc aagggtgtac canaaacctc 300
 atttatccct aatagctnng cttgatttta caaacctgct ntcagcaccg acctcatttg 360
 cttttatctg aagctcagga aagttaggaa aaggntgaat tgattcgtaa atatgtagga 420
 catgtanccg ggcgtggtgg ctcacgcctt taatcccagc actccanagg cagaggcggn 480
 cggattnctg agttcnaggc cagcctggtc tacagagtga gttcca 526

<210> 354
 <211> 311
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(311)
 <223> n = A,T,C or G

<400> 354
 gccaagtgg atgcagganc ccgggcagcc agaanggggtt ggtatctcct ggaancatga 60
 atnacataaa ggtgtgagcn gccatncngg ncccagganc tacagccagg tcctctgaaa 120
 gagcngacnn tgctnttaac cccaagcca tntntccagn ctgagagtgc tgnntctta 180
 tcatganaag acaaacagca gtggagttgg caagctgcct cagtgggtaa aggtacttgc 240
 tgccaaggct tgcagcctga tttcgattcc cagaaccagc agaatagaag tcgaaaacca 300
 aaagaaaaaa a 311

<210> 355
 <211> 212
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> n = A,T,C or G

<400> 355
 tgaggtgacc cgaatggagc tgtggcccg ggcnggacg gcgctgctgc tgctgctgct 60
 cctgctgctg nccaccctgt ggttctgcag ctccagtgcc aagtatttct ttaagatggc 120
 cttctacaac ggctggatcc tcttcctggc gatcctcgca atccccgtgt gtgctgtgct 180
 agggcgcaat gtcgagaaca tgaaaaaaaa aa 212

<210> 356
 <211> 233
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(233)

<223> n = A,T,C or G

<400> 356

tgaggcattt	tgtgaaagaa	ggaagatcct	gtctgctgca	tgataaatgg	actggaacac	60
agaaagacca	tgcagggttc	ggctgtagaa	ggccgggtatc	tccanaggcc	agaagacacc	120
atcagatctc	ctgngactgg	agttatagag	gttgtagagct	gccatggtga	accaancagg	180
tnactgaggg	acacaggcat	gtggatggaa	accctgctgg	gagaaaaaaa	aaa	233

<210> 357

<211> 225

<212> DNA

<213> Mus musculus

<400> 357

agagttctga	atccacgcca	gaccccttctc	aacagtctgt	tttacgggaa	cactttatta	60
accgctcctt	cccagtgatg	cagttctgaa	tcctccctgt	agcagggggg	cttcgctcat	120
gcctgaagat	gtttcttgct	ccgggtttcg	gcaccacttc	ttgcgcgcgc	ccaactggcc	180
aggaagaacg	acgctgcaac	aggatccctc	tgacaaaaaa	aaaaa		225

<210> 358

<211> 305

<212> DNA

<213> Mus musculus

<400> 358

aagggcattc	agatctggga	gaagtggccc	cagaagtaaa	accttcagac	agccaaacat	60
ctgtggcaat	tgagatttg	gaatggagag	aaatggaagg	agatgactgc	gggttccatt	120
atggagatgg	tacaaacgag	gctcaggaca	atgacttccc	cacaggctct	gagttcagaa	180
atcctggcaa	ccacatgggt	gctcacaacc	atccttaatg	agatctgacg	ccctcttctg	240
gtgcatctga	agacagctac	agtgtactta	gatataatag	taaataaatt	atttaaaaaa	300
aaaaa						305

<210> 359

<211> 273

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(273)

<223> n = A,T,C or G

<400> 359

actgagtgca	tgagactggt	tgagaagaca	gaggatgtgc	ccttggttga	ggagatgtgt	60
ccctggggga	aggtcttgaa	acttcaaagt	cccactcact	ccattctcag	cacctctctt	120
cctcatgtct	atgaatcagg	atgggaagtt	ctcagctact	gctctagcat	catacctgcc	180
tgccagatgc	cgtgctccct	gccatggatg	gtcatgaact	caccctttaa	aactgnaagc	240
cctcaataaa	gtctttcttc	tacaaaaaaa	aaa			273

<210> 360

<211> 231

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(231)

<223> n = A,T,C or G

<400> 360
 tgcaggctgg ttagaatgaa caggacacgc ccacacccac agtactgtac cttnatattc 60
 tcgccatcca gaaggtctat gaagccatca tcctcatcgg acaaagtggc ttttacaggg 120
 tttcttcctg gagccgtgac tgtcctggac ctcagtctgt acaccatgct gcccttgncc 180
 acctgcctgt ctcccaagtg ctgggattaa agatgtgcaa cccccacaaa t 231

<210> 361
 <211> 231
 <212> DNA
 <213> Mus musculus

<400> 361
 agcatgaaat cgggcagcga tgatgtgacg aacgcagggt attctgcagc caattctaata 60
 tcaatttttcg ccaactccac gggttttctct gtagccctgg ctgtcctgga actcactttg 120
 tagaccaggc tggccttgaa ctcagaaaatc tgccctgcctc tgcctcccga gtgctgggat 180
 taaaggcgtg cgccatcacg ccagcaaata aataaatctt aaaaaaaaaa a 231

<210> 362
 <211> 460
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 362
 tcggcttttg gatgggttgc gacggaggca ccatccccaa naggcacgag ctggtgaagg 60
 ggccgaanaa ggtcgagaag gaggccagaa gaaagcatcg gacccccggg agctggagct 120
 acaggttttt gtgagccatt aatcttggct gttagaacca aattcggatc ctttggaaga 180
 gcagtacaca ggcttaacca cggagccatc tntccagcct gaactttgtg tattaaagtc 240
 tccccaaacc attccccctt gtgaagtcac acccttntta aactatatna gctcttagca 300
 ctctgaattg gtggttgagc ccagctgatg gtcacgtgac tgcaagctcc tcctggtgaa 360
 ctctgtgcac tgnttttctt ncagaactag cacagtttct gccacagtga atatttttga 420
 ataaatgcgt gggcnttctg taaatcttac aaaaaaaaaa 460

<210> 363
 <211> 100
 <212> DNA
 <213> Mus musculus

<400> 363
 cctcattggc tctagtggct cctccccgag ccggaccagc ccggagtccc tctacagtga 60
 cagctccaat ggcagcttcc agtccctgac tcaaggttgt 100

<210> 364
 <211> 266
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 364
 tattgattct gcctcccaac aagacaanct gaggaagtga tgagccacgn agccgnngac 60
 ccttanagtt ttagatgnge ggatcccttc atgtatactt tacagaaaac catgntaage 120
 cgggcgtggg ggcgcacgcc tttagnccca nactctgga ggcagaggca ggcggatttc 180
 tacaaagtga ggccagnctg gtctacaaag ngagttccag gacagcccca gggctataca 240
 gagaaaccct gtctcaaaaa aaaaaa 266

<210> 365
 <211> 520
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(520)
 <223> n = A,T,C or G

<400> 365
 tgacgggaat ttgaaccccc atggccccga tgacagcatc attgtacttg atgatgacga 60
 tgaagatgaa gctgggtgntc aaccaggggc ctccaaccta ccccccaatc ctgcctcaac 120
 aggacctggt cctggcctgt ctcaacaggc cactgggtctc tccgagcccc gtgtggatgg 180
 agggagcagt aactccggta gtaggaagtg ctacaagtgg gataatgaga agctctttga 240
 agaggtaagc ttttgagata aaagggtcgc cctttgtggc ccatgctggc cttgaactca 300
 cagagctttt acttgectca gcctcctgac agctaggatt aaaaatgtga accactgggc 360
 aggagagatg gttcagcggg taagagcatt gagcatccag aagtcctgag ttcaattacc 420
 accaaccaca tgatggcgtg gctcacagcc gtctgtaata ggatcttgat gccctcttct 480
 ggtgtatctg aagacagcta cagtgtactc atatatagaa 520

<210> 366
 <211> 346
 <212> DNA
 <213> Mus musculus

<400> 366
 caggcgggtgc taaattttgt ctgttacagc ctcggccatt agaagctggg gcaagctttt 60
 ctgcctactt aactctgatt ttatttatat gttatatgta agtacactgt agctgtcttc 120
 agacactcca gaagagggag tcagatctca ttacagatgg ttgtgagcca ccatgtgggt 180
 gctggggatt tgaactctgg accttcggaa gaacagtcgg gtgctcttac ccactgagcc 240
 atctcaccag ccccatatat gtcatttttc tgttcccaca ttctctgtaa gattattgtc 300
 ataagttaaa atctgaatta aagcatttga atgtcaaaaa aaaaaa 346

<210> 367
 <211> 487
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(487)
 <223> n = A,T,C or G

<400> 367
 ctgagggttga gaacatttcc aagctctgac tacaacatta aacctcagaa tggaagagat 60
 gggaagtcgc atcgaggact tacagagaaa cgtggatgac ctcatgactc aggccgggat 120
 cgagaattct atcaaagaac cagcgacctg aanatgttaa acngagtcac gtgggattgc 180
 taaaacaaaa actacaccat acgtctgagt aataataatc tatgcagtat gaattntgat 240
 gttcatttaa attttttttg gacacttaaa attaaaccca gggcctaaac tataggcaag 300
 tggctaccaa cgagctatac cctaaccac tgaaaactaa aattcacttt aacaaatgaa 360
 gaacaaagct gggccataat ggcacatgcc ttcaacccca gcacttgggt ggcagaggca 420
 tgcagccagt ctggcctaca gagggagttc caggacagcc agggctacac agagaaaccc 480
 tgtcaaa 487

<210> 368
 <211> 150
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(150)

<223> n = A,T,C or G

<400> 368

gcacctctgg aggtggaagg aagaggatca ngaagttcaa ggccattctc agctatgttg	60
gcagttcaag accagccgga gcttcatgaa accctgtttt aaaattaatg aaataaaata	120
ataaaataaa acaagattta aaaaaaaaaa	150

<210> 369

<211> 100

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(100)

<223> n = A,T,C or G

<400> 369

ttccaaagtc tgaccaatca ttgcaccagt cgagctgaca nccagtgctg gctgtttgcc	60
tgtaccacta ttaaaaaata attcagttta aaaaaaaaaa	100

<210> 370

<211> 394

<212> DNA

<213> Mus musculus

<400> 370

aacagcggac acccagagag ctaaattgtct cctaccggct aagacaagga aaccactca	60
gatcgacctc tcgtggatca aacagactct atccaggtaa gtacacctgc caatcactaa	120
gttcctgtag gaggtgtag cctccccctt aggtgcccg agctgcacct taaagatggc	180
gcctgccaga tgcagagctg gtggtgtaaa caagtccata ttcggtggag acgtgccct	240
gccgccctga ttggctgaag ccatgtacct ggtgaggtga cgtggcctgc cgtgagtga	300
tgggggctga gagtatataa gagtgaagag cccgggggtc gagggagatg aagactgaaa	360
atggctgaat aaactgctga tagaagaaaa aaaa	394

<210> 371

<211> 321

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(321)

<223> n = A,T,C or G

<400> 371

aacatcttac ctccaagaac tgcttcagac gtatgaaaga gcccatctgg nctgagctng	60
tgatggcttc aattctatnt agngganaga cngagagact tgtgantacn tcctntgagg	120
aatctcaaca ctccatcang ngangctcac tggttaacan caccgactgn tcttccaaag	180
gccctnagtt caaatcccag caaccacgng gggggctcac aaccatncgt aatgagatnt	240
gacnccctct tntggngtnt ttgaagacag cgacagtgn ctcactataa taataataaa	300
taagtcttaa aaaaacgaaa a	321

<210> 372

<211> 247

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(247)

<223> n = A,T,C or G

<400> 372
tcacctgtag gctgtcttca caacacntcc agaacaggga gtcanatctc attacngatg 60
gntgtgagcc accatgtggt tgctgggatt tgaactctgg accttcngaa gaacagtcgg 120
gtgctcttac ccactgagcc atctcaccag ccccatatat gtcatttttc tgttcccaca 180
ttctctgtaa gattattgtc ataagttaaa anggggaatt aaagcatttg aatgtcaaaa 240
aaaaaaa 247

<210> 373
<211> 400
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 373
gctaaggcag ttacattcgg agttccgcgg actcttcaga ggctgtaaaa atgccggagt 60
cacgaaagcc tgcaaagagc tggtgcttgc cttgctgctg ctgctgctac tgccgtccct 120
gcccgctgctg cagctgctac tcctgctgct gctgctgctg cttgttgctg attgttgctg 180
ttgctggttg ctgtttactg tttgctgccg gctggagngc tggattgctg attgccagtc 240
ggcgaaatcc tggcgatgaa gatccaactt gcccgaagaa acaagacgac cctaagaagt 300
agtctaata tttcaatacg ccctttcccc ctctgacctt tctctcttac cttatgctgg 360
gggattggaa ggggtggcana aaaaagaacc caataaagta 400

<210> 374
<211> 259
<212> DNA
<213> Mus musculus

<400> 374
aactgaggat cggctcctgg agcaggacag cctctgtggc ctactggcg ctgctttggt 60
ttctgggact tccgtggacc tggagcgcgg cggcggcgtt ctgtgtgtac agtgggtggc 120
ggcggttggc gctttctgcg tatcgtctgc aagacggcga ggcgagacct ctttggcctc 180
gaactcagaa atcctcctga ctctgcctct gcttcccaag tgctgggatt aaagacgtgc 240
gccaccacca aaaaaaaaaa 259

<210> 375
<211> 205
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 375
catgatgggt gtgagccacc atgtgggttgc tgggatttga actctggacc ttcggaagag 60
cagttgggtg ctcttaccac tgagccatct caccagcccc tcaacagatt tctgatcngt 120
gagaaaagac tggaacatag atgctttctc tcctacggcc tgaccttcag ggtgacaacc 180
atctctgaac tgaccgggaa aaaaaa 205

<210> 376
<211> 275
<212> DNA
<213> Mus musculus

<400> 376
agcacgacag agtcacctgg gagaaagaca tctggagcac atcgatttga ggtgggaaga 60
tcagcccact gtgggtggca ccattcctgta ggctgggaaa ctgcattgtg ttaaatgaag 120
aaaggatctg agcagcaatg cgctcatcgt tgtttcctga ttgtgggcaa ccagctgctc 180

caagctcctg ctactctgac gacttcccca ctgtgatgga ttctaacctt gaaccatgaa	240
ccagaataaa ccctttctcc cttcaaaaaa aaaaa	275

<210> 377
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 377	
aacgacagga aaagacctgt ggtatatgaa actttgttga caagagagga tccagagact	60
ttaaaagcaa aactctgctg ggcattggtga ctctgtctg taattccagc acttggcagc	120
ccaaggcaga tggaggagga tcagagttca gaaagtgaag caaattaatg gaaaaaaaaa	180
aa	182

<210> 378
 <211> 215
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(215)
 <223> n = A,T,C or G

<400> 378	
tgtcttgcatt cgtgggttata gaccaaggga ataaaacaag atcttataaa taggctgcag	60
gcctattcttg aagacctatgc agaagaagaa gcanatgaag angatgtact gggagatgan	120
actgaggaag aagaaccann gcccatanaa ctgcctgtta aagaggaaga ncctcctgaa	180
naggctgttg atatggcatc ggaaaagaag gtggt	215

<210> 379
 <211> 315
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(315)
 <223> n = A,T,C or G

<400> 379	
catggcttcc tgtgcgtgct tggcaactng acagnaactct anagtcactct gngaagaggg	60
aacctnaatt ganaaaatgc ctccaccaca ccggactaag ngggcnagan catctacctg	120
ctgctgctgc tggcgacggc ancancanca gcnttggttg ctatcatcag agcccacctt	180
ctttggcctt ncaatgtgag ctaaagacca gnagntctcc agaaagtgtg tncaagnttg	240
ggggncnagn ctggggntgg tggngngcnn aagctggtgg gggggggngg ntggggggggg	300
ggggggggggg tgcgg	315

<210> 380
 <211> 384
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

<400> 380	
aatggcaat tcagcaagct gataaactgn angaanaaac aactgatct tcantgtcgc	60
gnaggttctc aaggccattg gtttacagag aactggcaag cacagaagta aagtggaaaa	120
tggctttaca agttatgttt ggccttaaat tttttctagt gttagaagcc cttttgttcc	180
ttttcacatg ttatatagtg cttaagatag ggnngaaaat tctagaggaa attcaggaca	240

gtctatcaga agtaaagcgg ggagagagag taggagcaag gagaaacggg aagtatacag	300
gcctttccaa ggggtcttgaa cccgaggaaa agttaagggtc aggtaggaat acctggggag	360
agattagaag gaagaaaaag aaaa	384

<210> 381
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 381	
gggaaaagg gacggttttc tgaagttatg aagatgcaga gnctgagaga tggganttac	60
tatgcgtgca nacaaatgaa gcagcacttt gaaagtattg	100

<210> 382
 <211> 199
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(199)
 <223> n = A,T,C or G

<400> 382	
gactgaggat gtcctaactt caggnatgga aggaaggaaa catgatgcca tattgaagag	60
gttttgtctt tgtttcaatg ggagaagaag agctacggat accatcaaata taataaagat	120
tagatttggc caggggagac ctctgaaaa tcttggctac agacatgaag gaaaaaatc	180
aagaagacca aaaaaaaaaa	199

<210> 383
 <211> 234
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(234)
 <223> n = A,T,C or G

<400> 383	
agacacccgg gcgggcacca aggctggatt ccatcacggc atggaatgag cctcaccaag	60
gcttttgaaa atgtccttcc gggctggaga gatggctcag tggttaagat aaacaccaac	120
aacttttcca gaggtcctga gttcaaatcc cagtaaccac atgggtggctc acaaccatct	180
gcaatagggt ctgatgcctt cttntgggtgt gtntgaagag agcaatgggt tact	234

<210> 384
 <211> 214
 <212> DNA
 <213> Mus musculus

<400> 384	
ctcctgtctg ctgatggata atggactgga acacagaaag accatgcagg gttcggctgt	60
agaaggccgg tatctccaga ggccagaaga caccatcaga tctcctggga ctggagttat	120
agaggttggt agctgccatg ttgaaccaag caggtcactg agggacacag gcatgtggat	180
ggaaaccctg ctgggagaaa aaagaaactg gtga	214

<210> 385
 <211> 100

<212> DNA
 <213> Mus musculus

<400> 385
 aagactccct cacagttggt tttgaaaata attggcaacc agaacgccag gttccgttta 60
 atgaagtgcg attaccacca ccacctgata taaaaaaaaa 100

<210> 386
 <211> 334
 <212> DNA
 <213> Mus musculus

<400> 386
 gcgggaattg acaggaggac tacgccgcaa gggataggcc cagaatagca accaggaaac 60
 aaaatctcat catggccaat gtccaccagg aaaacgaaga gatggagcag cccttgcaga 120
 atggacagga agaccgccct gtgggaggag gtgagggccca ccagcctgct gcaaacaaca 180
 acaacaacaa ccacaacat aaccacaacc accaccgaag aggccaggct cgccgacttg 240
 cccctaactt ccgatgggcc attcccaaca ggcagatgaa tgacggggtg ggtggagatg 300
 ggagatgata tggaaatggt catggaggag atga 334

<210> 387
 <211> 127
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 387
 aatggtgacg aggtcccta aagcagcctc gaccatccac agacagcctc acgtttttct 60
 cctacttttt ccttatgctt ttaaattggca gactcgccgg gcgtggnggc gcacgccttt 120
 aatccca 127

<210> 388
 <211> 199
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(199)
 <223> n = A,T,C or G

<400> 388
 ggcaaacttc atgtgcangc tgatacacat aggcctctga ggaaatttgt antatgtcct 60
 ggaagctcta aagaaaagca agagtgccgg gcagnnggtg aggacacctt taatcccagc 120
 acttgggagg aagaagcagg nngatttctg ngttcaagac cagnctgggc tacaagagtg 180
 agtccaggac agccagtct 199

<210> 389
 <211> 237
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(237)
 <223> n = A,T,C or G

<400> 389
 ccttcaagtc tgctatggaa ttgaaagtga cctggagctt ccggtccttt ctacctcccc 60

ggtgctggga	tggcagaagt	gtgtccgcct	gcgcattant	catggttagg	aataaaaccc	120
agggcttcaa	gcatgcttgg	cagatgttct	gccaaactgag	acacancccc	agtccccaaa	180
ccacatagtt	ntgaaataca	ggtcacattn	aaaaataaat	caacctggga	tggacgg	237

<210> 390
 <211> 295
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 390						
ccctccaaga	gctgagatca	caagaatgta	ccaccataag	cggttttgtg	tgtgtgttgg	60
agagatgggt	canaacttaa	gagcatatgt	tggctttcta	gaggatagga	attcatttcc	120
cagaacccaa	gccaggtggc	tcacaaccac	atgtaactct	aaccccccaa	gatccagtat	180
ctcggcctct	tcagacacct	ttactcacat	gcacatatca	acacttaa	gcacataatt	240
taatttat	ccaggaagaa	aaagttccta	aaaatcaaga	cacctgctca	ccaga	295

<210> 391
 <211> 146
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(146)
 <223> n = A,T,C or G

<400> 391						
agtgtgtatc	atgcggttat	tgtcatcttt	ttggagtttt	ttgcttgggg	actactgaca	60
gcaccacat	tggatgaaca	tggtcttaga	cagccaggga	gacacagaga	aaccctatct	120
tgnaaaagg	aaggaaggaa	gaaaaa				146

<210> 392
 <211> 193
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(193)
 <223> n = A,T,C or G

<400> 392						
gactgagagt	tgtgctgaag	acaacagaca	cctccatgac	aacccaaagt	atcacagagg	60
aaatgaaaag	ctgtggactc	attcanagtt	aattaagatt	aggtatgacc	atggaagact	120
tgtgtatgac	catggaagac	ttctagagaa	tcttgactgg	tgatgtggaa	aaagagaccc	180
agaagaacaa	aaa					193

<210> 393
 <211> 484
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(484)
 <223> n = A,T,C or G

<400> 393

ccattcttgc	ccaggagaga	gcgaggtcct	ggacctggag	agtgagctgt	acctgggcgg	60
tctnccccgag	gggggacgag	tggacctgcc	actgccccct	gaggtgagga	cagctgctct	120
ccgggctggc	tacgtgggct	gtgtgagaga	cctcttcatc	gatggacgga	gtcanagatc	180
tccggggcct	ggctgaggcc	cagggggctg	tgggcgttgc	tcctttctgc	tcccgggaga	240
ccctgaagca	gtgtgcgtcg	gccccttgtn	gaaacggggg	catctgtcga	gagggctgga	300
accggttcgt	ctgtgactgc	atcggaaccg	gctttctggg	tcgggtctgc	gagagagagg	360
ccacggtcct	aagctatgac	ggntccatgt	acatgaagat	catgctgcc	actgcgatgc	420
acacggaagc	agaggatgng	nccttacgct	tcatgtntna	nagggcatat	ggactcatga	480
tggc						484

<210> 394
 <211> 167
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(167)
 <223> n = A,T,C or G

<400> 394						
agatgtggtg	gtagtaggag	gttatgaaac	tatctgcaag	gaccgtctga	tgggccagtg	60
tggcccagcg	tctnaactac	cnanntggca	aaancattgg	ntccttgcta	cgctctcact	120
atgaacgcat	tgtttatncc	tatgaaatgt	accagtctgg	gagccaa		167

<210> 395
 <211> 298
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 395						
actgacaaca	gcccttcttg	ggacagtgac	tgctacatga	actacaggag	tgctgaccag	60
gactctcagc	ccgtctattg	caacctggag	tccctggggc	gatgaggaga	gtgtggtctc	120
ctggcgctga	accagcctcc	aacagccccc	aggatccagc	acgctcaaca	tcacaggggg	180
tagaggacac	cccaccccac	ccagagcaga	aggaggggtga	gaaacaaccc	tccggtcagn	240
gngcatgcat	gtgatgctca	ataaaagctc	tgggagcagc	tgactctaaa	aaaaaaaa	298

<210> 396
 <211> 383
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 396						
gactgagctt	tttctgcaa	tacagtggnt	acagtttgct	gtggctactc	tgagtgttat	60
aggctccagn	tcactcctca	cctacatcgc	gttcagagagc	ccacagaagt	ctgcagagat	120
aaagccactc	ttgtatctga	gcttctctga	cctgctcctg	ggaatttgct	ggctcgtaaa	180
ggcacttctc	tatggaactg	cagcagccca	caaggacagc	atctgctata	acctacagac	240
cgtgggggag	ntnttctac	nttgnctcac	tcctctanac	ngcannctac	antgnggcgc	300
naggtntna	nangnngang	aagacagagc	ngnctnagtc	gtagatggag	cacttgtnga	360
nccaggatgac	agattatggt	atg				383

<210> 397
 <211> 126

<212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(126)
 <223> n = A,T,C or G

 <400> 397
 ggtgatgccg ggaggccccc cagccctcaa tcagccaatc ctcatcccct tcaacatggn 60
 gggacagcta ggtgggtcagc aaggcctggn cctcacactg cccaccgnga atctcacaaa 120
 catcca 126

 <210> 398
 <211> 160
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(160)
 <223> n = A,T,C or G

 <400> 398
 aagtggcaag gagagactca ggagttttgc cccaatgngn gggnggtgct ggttggctgt 60
 aagctggaca tgcggactga cctggccaca ctgagggagc tanccaagca gagactcatc 120
 cctgncacac atgagcaggg nactgggctg gccaaagcaag 160

 <210> 399
 <211> 368
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(368)
 <223> n = A,T,C or G

 <400> 399
 tgtagccact gaggaccagc aaaaacacct gtccaaggca gcacagctgg gaccagaanc 60
 aagtcccca ttgtctactc tncgtgtgcc atctgtttct gctcagtccc ctagaccttg 120
 gaacagaggg tcccgcactc acacaggcca tgattgaagc tgaagcgaag agattcctga 180
 gacctgctcc accagcagtc agaagactcc acccgagaga cgggccccag gcccgntccg 240
 acctttttta ctggatcaga cccgggccct gcacttcnna ttgaaggatg aagactgctg 300
 naggtcaccg ccttgcgga ngtgagnc tgtgatgtgt gngaaangta tcctacgtgg 360
 cagagaag 368

 <210> 400
 <211> 195
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(195)
 <223> n = A,T,C or G

 <400> 400
 gcgacgcaca ctgctcanca nctatgaggt gttccagtta ctaacggatc tcaaagagca 60
 gccggagggn gagtgggaag aaacaagcat acccctctgc aaccaaaact aaaaccgcn 120
 tcaccttatg agacccttaa agnccttatc aaaaccccc tcgtgggnnc ccagagncca 180
 gcggatttgt cccaa 195

<210> 401
 <211> 232
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(232)
 <223> n = A,T,C or G

<400> 401
 gaactgattt gggaaggnc atgtgatcct atcagtacat aaggaagccc cctgctcatg 60
 tcttccacag tggccngngg tgggnntgcc aacatcttgg attacaagag cctccgtgag 120
 atcgtggtga accaccagta ttcantctggc tgttttctact acaagtgtccc tgctgangtg 180
 ncggngggnan aagncaaaat nnnntcctta acnagatatg tgaaaataac tg 232

<210> 402
 <211> 177
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(177)
 <223> n = A,T,C or G

<400> 402
 ccgctgatag agcagcanaa gaatatncag angnccaact tgatgantcn ngcaaggctn 60
 acaggcctca gagcaaggga tgacggggng nctgatctgc taaatgaggc aangcagana 120
 ctcagtnggg gtggtaaaag atacnacccc ncnaccaagn gctgctggat gggctgg 177

<210> 403
 <211> 203
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(203)
 <223> n = A,T,C or G

<400> 403
 gactgaggca taatagtggg tccttgatgt ggaagacgtc cttaccagct ttgacaacac 60
 aggaaatggt tgnatgtntc ntgctcagna tgaantatat ccactagctt tatcaaacca 120
 aaaaaatata taaaagganc ttnntntgtg gnaccaggg ggtgggncctg acatgcncgg 180
 caaggantca tagcttggtta ttt 203

<210> 404
 <211> 248
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(248)
 <223> n = A,T,C or G

<400> 404
 aactgaggtg gtgggncctt tcttgcctaa ccagancgct ggcattccact gtcttctggc 60
 agtgnctgaa ccagagccat aangnctgng gnaactatgc aaaccgcatt gctaccaagc 120
 cttcacctgc atccaagtgc atccagggtc acctggncgc tgtcatcagt gctgtttcca 180
 ttgctatngg gncaatatcc tctccctgac ngagcagggg gtccttacnc caaaatacca 240
 tgggggggg 248

<210> 405
 <211> 320
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(320)
 <223> n = A,T,C or G

<400> 405
 ttacaggaga attagaatat gctacgaaaa tctccagggtt ttcaaagtgc tatcatcttt 60
 ccattcatat ttcaaaaaac tttggagcag atacgacgaa gatcttttat attggcctgc 120
 ggggagagtg gactgagctt cgccggcatg aggnnggnt ctgcantat gaagcgtnag 180
 ccaaccagc agaccaccgg gtgcnttnag gtcacccnc acacacactt tnntttctta 240
 agggccagcc ggggctccct nanatgcgct gttagnгаа atngngcgacc acctgctggg 300
 gaaggacaga ggatgctcca 320

<210> 406
 <211> 411
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 406
 actgaggatc caaactactg gatacagggtg catcgcttgg agcatggaga tggagggatt 60
 ctagacctgg atgacatcct ntgtgacgtt gctgatgaca aagacagaat acacctgcca 120
 gatgattaaa atnggcctaa tttantcagc atgggtactt gtncaccaga gatantttna 180
 agctaagtgc angngacntc ttentctatc ctgcanaaaa tgctaaaanc attgaacaga 240
 gcngggnnnc actttcaaaa aaatgtttgn aagctnccct nggcttnccc cccaagnnga 300
 tatttaaaan ccncccccc cccenttttc ttttcctttt ngttntgcaa nttaatnntg 360
 atantccgtt ctgnaaatgg naccatgggg ccttaaaatt ttttaataaaa c 411

<210> 407
 <211> 238
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(238)
 <223> n = A,T,C or G

<400> 407
 ccactggtca tatgaagggtg nnattgnaac tgcacatgga ttgtcactcc tttcacccca 60
 ggacctccgc acctggcatg aagacttgtc ctggggggagg gaaagagctt ttcttgagct 120
 tcaccacta gtcctctttt ttctccctac acacacagac cctggggctt acacaagtgg 180
 ctgctagacc ctgctgtaat cattaaatcc cacatctcct gattcagcaa aaaaaaaaa 238

<210> 408
 <211> 137
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(137)
 <223> n = A,T,C or G

<400> 408
 agagaccgca caggaaaaga agctaccgct tggncaanct ctaccttgaa caactcaggc 60
 ngcaagagga gganaaggct gaagcccgtg cattcnagga ggatcaggng gccgngcgct 120
 tgaaggagga tgtgctg 137

<210> 409
 <211> 425
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(425)
 <223> n = A,T,C or G

<400> 409
 tctctccttt attgcctact agtnnttttaa attggacttt taatataccta ccagcgtgct 60
 cttcagacac acatgggtgca ttgctgccat tcccgggatt gcatctttga gacacacact 120
 cttaggagcc ttcagcaaac aaagaggcca cctcccggta cggctaccgg ggagggagng 180
 atcctgaccg ccctctagcc ttggccagct ctggatatga atcctaccat ggaaccgaga 240
 ntggagtcc tcttggtgcca ggtgctgcaa gaaggatgtg ggaaancagg ttgcnnggtg 300
 accaggaact catagactat ttctcagaca gacnagaaag tccggctgac cttgagcacn 360
 accaanaccc tngttnggat aagctttgag natgggactc cgnatncttc ttgggggtgaa 420
 ctcta 425

<210> 410
 <211> 196
 <212> DNA
 <213> Mus musculus

<400> 410
 gagaagctcg aagcgggtctg ggggcctctc cgctacagtc tgcccgatec ctgccaggca 60
 acgccccttg cctcaagcac ttcccgttg acctgcgcac gtctatggat ggcaaagtga 120
 aggagatcgc tgaggagtgt ttcagccgct cactggctga gagtgagctt cgtagcgccc 180
 cttatgagtt cccaga 196

<210> 411
 <211> 284
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(284)
 <223> n = A,T,C or G

<400> 411
 ggctgtccc agaagttcct ctgnngacca ggtggtcctc ggactcagag atccacctgc 60
 ctacnctgag aattgttaaa atggacgggtg ctacacagga agagaccatt ccagtatgga 120
 ctggccattg gaaaggacgg cacagtatct ggactgttct gtgtcctnag gatgctgcgg 180
 aatgaacaca catctgcgca agaatacagt agcagaaacc acatctcaca cttgataggg 240
 gaggttggaac tatgaatatt acagtctata ataaataaca cata 284

<210> 412
 <211> 199
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(199)
 <223> n = A,T,C or G

<400> 412
gactgagata tcttgataat ggaaataata aaatggcaat tcagcaagct gataaactgt 60
tgaagaaaca caaagatctt cactgtgcaa aggttctcaa ggccattggt ttacagagaa 120
ctggcaagca ggaagaagct ttcacctng nnaacttgga ggatatagtt ggnttgaatg 180
ngctttaag aaaaacaaa 199

<210> 413
<211> 366
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(366)
<223> n = A,T,C or G

<400> 413
ctgaaagccg gtctctaccg tctaaccacc acgtttggng aacatgtgaa cagctgngca 60
ggcatctgca gaacatcaga aaagacttca gcaattcttg gagttcaaag aatagtgaag 120
tagntataaa cctgtgttca ttacccctgc tgatacaact acagatgggc acaagnnaat 180
gtcgagcatt tcttgggac agagagagc cggactaatt agacgctnnc ttttgtcgat 240
gntgctntgc tttgaaaact atactnnent ggggaggant ncatnggana gaaattctnc 300
ancngantaa ncccgnaaaa ctgcccttct ctngtaccce ngtgcttttt ttgtggggtg 360
ttggtgta 366

<210> 414
<211> 547
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(547)
<223> n = A,T,C or G

<400> 414
gactgagaga aaaggaaagc aattcaggtt cagacgacta gaatctttcg tgcattgattc 60
ctggcgacag caacgtgaca aggtgcgtgt ccagcggctg gaggtgaagc ctctgtgcttt 120
ggaggtgcct gataaacatc ccttggcctt cgttatacgc atggaaagga ttgaaggagt 180
gagtttattg ggtaaagagc accatcatga aacttggcct gaagaaattg ttcagtgggtg 240
tctttgtcaa ggtcacccct cagagtgtaa gaatgctgcg cacggtggag ccttatgtga 300
cctggggatt tccaaatctg aagtctgtcc gggagctcat cttgaaacgt gggcaagcaa 360
agattaacaa taagacagtc cctctgacgg acaacacggt gatcgaggag cacctgggga 420
gatttgggtg catttgacct gaagacctca tccatgaaat tgccttccct gggaagcatt 480
tccaggaggt ctcttcattt tctgngccct ttcctnctct ctgngggccc ncatgctacc 540
aggacac 547

<210> 415
<211> 393
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = A,T,C or G

<400> 415
agcagcaagt gatccagtct cgagtgaatg accaggaagg ccgagaagaa ttctatgttc 60
actatgtggg ctttancngg cgactggnc naatgggtgg acaaganccg actcgnactg 120
accnngacag tgaaggatgc cgagcagaan aactactgan anatnctga tgtgagctgg 180
ccgagcagcc agagctcang atcactcgaa accaatngcg aangcatgat ganatnancc 240
ntgtgcngan ggcncgtggc cctcccttct cagnacnate acngcttanc catngcnact 300

cncatgtgan	nggcagcccn	caggggaagga	gatctntcna	tntgagcanc	atcnttgtgn	360
atgacgtggc	tggcaaagac	cacaagatat	act			393

<210> 416
 <211> 416
 <212> DNA
 <213> Mus musculus

<400> 416						
gactgaggta	gccttcatgg	ctgtgccaca	tcattcgcag	gagacttcct	atctgctgcc	60
tccagatcca	gaggattggg	agaaacaagg	catcccggac	tttgtctatg	gccaggagga	120
tctcgttggc	aaggaagttc	agtggcccag	ggattcacct	agtgccgtgg	acacagtacc	180
actatcccgt	ttcgactctg	ccctccgctc	tgcgtggagg	cagcggctgg	aactgggcct	240
gtttcgggtac	cgcctagaag	atctgcagac	ccaaatcctc	cccggttccg	tggggtttgt	300
agctcagctg	aatatagatc	gagggataca	gaggaggcgc	ccccagaata	tcagaagtgt	360
gaggcaggag	tttgacccgg	aacagtttaa	cttcaataaa	attcgacctg	gagaag	416

<210> 417
 <211> 333
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(333)
 <223> n = A,T,C or G

<400> 417						
ttcgggtgcta	cagagtctct	aatcttaaaa	gctgaaggga	aagnggagtc	tgatnncttt	60
tgncaattag	gtcacattca	ncctcttatn	ggaagatnat	ncaaaagcnt	tatnntgcat	120
accatgnggt	acntacagtn	tacagtctga	ttactggaag	aatcgctgcc	tttttatata	180
ggtcttggtt	tggtctactt	ccattacnat	gcattncagn	gggctatnaa	agcattntna	240
ggaggtgctc	ctatgtncga	ncccagcttt	ttggcgagcc	aaggaanntt	natttacgac	300
tcnnggctta	tcgttcnaag	cgaacacaga	cta			333

<210> 418
 <211> 398
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 418						
aatacaggct	tgagcaagag	cctgtgagaa	gacggatngn	gcaagagcga	gccagagcga	60
gacgaagatg	gcaggaantt	gccatgtggt	caagagtagc	atgaagaact	gctgcagagc	120
cctcatttca	ttcttcctcg	tacacaatga	atcacgttgg	gatttcattc	cggggctatg	180
tacacaaaag	tgncangagg	aaaatgttct	ctactcttgc	ataaaaaatgt	gtccagtgct	240
tcaggaatgg	aacttctgct	ctgccgggca	gggcttcagg	gattctgccg	ccagagatga	300
aaggctcctc	ctcctgtttt	atngntctgn	aattcccag	gngttaatca	tccanccctg	360
gncngctccc	cttgngggga	tcctcgggtgc	tattctga			398

<210> 419
 <211> 376
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(376)
 <223> n = A,T,C or G

<400> 419
 tgagggagac aggatggtgn tgtcaaaact tccaagttnt tctcnnagat ntncngcaac 60
 ncgggggnca cnatccagaa gnnctacccc ntngtncccn tcttcctcct ggnccactnc 120
 atgggcgggt gccatctccn tcctantggc tgnanagagg ccaacctact tttctggcat 180
 ggtcctgatt tcacctctgg tccttgccaa tccggaatct gnatcgactt tgaaggctct 240
 tgctgccaaa ctgctcaatt ttgtcctgcc aaatatgacc ttgnngcgca ttgactccag 300
 cgtgctgtct cggaacaagt cggagggtga cctgtacaac tctgaccac tcntctgccg 360
 agcagggctg aaggtg 376

<210> 420
 <211> 140
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(140)
 <223> n = A,T,C or G

<400> 420
 ctctccgaa aaaaactggt cggtttggcg gaactgngac agaagtctta ctgaaatata 60
 naaaggggtga aacaaatgac ttagagttgn tgaagaacca gctgtctgat cctgatataa 120
 aggatgacca gatcattaag 140

<210> 421
 <211> 290
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 421
 actgatattg cagtaggtga anaaactata aaggatatgt cagagaataa acaagaagta 60
 catccagata ctattacaga tgtggaagct gttatagata cagaggaaga acttattaaa 120
 gaatgtgaag aaatgtggaa agacatggaa gattgtcaga ataaattatc acttattggg 180
 aactgagaca ctcacgaatg cagatgctca gctctcattt acttatttat gcaaatggag 240
 ggggntggac tggctgaacc ttgggncaat ggaaaaaaag aaaccccgaa 290

<210> 422
 <211> 268
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(268)
 <223> n = A,T,C or G

<400> 422
 tggcggtttt tgatgaagaa taanaaattt aaattttcaa ccactttcac cttggaggag 60
 ctgactgcgg tccccttcgn gaacgggggc ctcttttgca aggtccgnct gctggatggc 120
 ggngattttg tcagcttgct atccagtggc cttcaaataga agatgatgaa ntcttatact 180
 ctacntgenc catgcctgcc tggatgctgc catgtnnctg ccttgatgat aangaactga 240
 acctctnatc ctgtaaaact accccaat 268

<210> 423
 <211> 261
 <212> DNA
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 423
aagtactgaa ggctttgtgg tgtgtggggg ttgnactcac atggctgcag ccagtgtgac      60
ttcccctggc tccctagaac tggnggggnc tggtttctcc aaaaccctcc tggggaccag      120
gttaaaaccc aagtacctct gttcancctg caaaaaacat cctgcgggag gccctttcca      180
ggcccagtgg ggncaccnnn tactggntcc ttctgcctga ccaggatncc tnanggtgtg      240
catccattg gggggggggg g                                     261

<210> 424
<211> 245
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

<400> 424
tggccctggt ggctcaggta ctgatgctgg agaatgggct actgcggact ccacccatgg      60
gctggnnngc ctgggaacgc ttccgctgta acatcgactg tgtggaggac ccgaagaact      120
gcatcaggnn aactcttttt tatntaaagn tnggnatcna tgacnnaatg gngnatantg      180
accnctgggg tntacnttcc tacncctcta aaantggtgg aagngggggg cggaaaccct      240
tcggg                                           245

<210> 425
<211> 297
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 425
gccctgattg agcagactga ggaagcagng gccgcactta actccctccc cgaggtgcct      60
ccctggactg gggaggtcaa cccacctctg agagacggcn gtgcttctag ggcgcancctc      120
cttgggaccc ctccgataga tctgccctct tgaaaagcaa actgagggct ctgngnggnt      180
ggccctcgga gcctacnaag atccagctgc ttcggggggta ggattgacag gattgnnccc      240
canagtggac tagggttgaa cagnttccgg naccgaaaat aacagccaag ggggaaa       297

<210> 426
<211> 294
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 426
cttttcaccg gtccctaacc tgtaccannt ttgggannag gatggaaatt naccanagac      60
tcatcaagtc cataccactc ctgctccact gcagcaggat caaancanga aggggaatgg      120
gagatgcata gaaaatttga accacagaaa ccaggaagtc tcctttctgg gacagccagn      180
gacgtccag cacctcctcc agnccctggg ccttggcaca gccctccct catggctgga      240
tcctcagatc ataatagggc cttggagcag ggtttgaggg tggggatggg gatt         294

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<210> 427
 <211> 167
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(167)
 <223> n = A,T,C or G

<400> 427
 acctctgcag tgtcaacang gctcaaggan gcaggatgga tcnegatgtg nctaacaatgt 60
 tngngattgc gggngggacc ctggcnattc caatcctggc attngttnen tctttcctcc 120
 tgnngccttc agcactgnta agaatctatt attggggggg gactcag 167

<210> 428
 <211> 248
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(248)
 <223> n = A,T,C or G

<400> 428
 tgacttacta ccaaattgtgt ggtggatggt gaagcgaaca aagttattct gaatcctgta 60
 aatacaaate tttccaaagg agatgcccggt ttnttaacna agacannntn gttanganac 120
 tnntcatncc ccacatcctn gaaaaccatn nttcnggatg tttgccaagt atggactnng 180
 gtnattatat nntntcaaaa aanattttatt caaacaaaat cttaaaggca tccctaagtt 240
 aaactgac 248

<210> 429
 <211> 276
 <212> DNA
 <213> Mus musculus

<400> 429
 gagacataaa attatgaagg atatcaccag aagctatgta aacattttcat ctaaggacca 60
 agagaagttc aaggtgtttt cacaaggaaa ccaaagagac aactgatatg aaagagctga 120
 ccgcagtcag agaaatcttg ggaggagAAC tagagtgaag gacaaggcga tgagcagggtg 180
 ggagagaaaa agcaaacagc tcaaacagat cctgtgaggc gggcgaccca ggacgaaggc 240
 tggctttggc gttatctagg taacccccggt ttgttg 276

<210> 430
 <211> 105
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(105)
 <223> n = A,T,C or G

<400> 430
 gagtctgggg agctcctgcn taagtcagac tgagggtaca aaaatgcaga gcaataaagc 60
 ctttaacttg gagaagcaga atcatactcc aaggaagcgt catgc 105

<210> 431
 <211> 434
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(434)
 <223> n = A,T,C or G

<400> 431
 ggtatggcag ctggcgagaa ctggccaagg ccctagccag caggaacatc ccagccgttg 60
 atccgaatct ccaattctac cgtccccagc ggctgagcct caaggaccaa gaaattgccc 120
 gaagtaggag taggaacagt agctacctga agtggaacaa gcctgtcccc tggctctcag 180
 aggtacaatg tcgctgtctt cagacactcc agaagtagga gtcagatttt gttacggatg 240
 gttgtgagcc accatgtggt tgctgggatt tgaactcngg accttnngan gancanncgg 300
 gtgctcttac ccactgagcc atctcaccag cccacctctt gtgatcttga ctagaagtac 360
 cttcctaacc cagctcttcc actgttttta aataaataaa caaacaataa actcactgac 420
 cttaaaaaaa aaaa 434

<210> 432
 <211> 238
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(238)
 <223> n = A,T,C or G

<400> 432
 tatggatatc aattctcctg gaagaaaaat aagaaggccg gaggggnnct atctgaagag 60
 gaagtgtttg gctctttctn ggnaanggnt atgcaaatac tggcaagaat gagcggctaa 120
 tgagccactg ctaggttaaac atagtgggag gaaaaccaat anccnctgga cccctcagca 180
 cnactgnacg agcccagnct cntccaatca acggaaccga gcaagaaaaa cccctacc 238

<210> 433
 <211> 406
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 433
 ctcctgcatt aagtcagact gagtgtggtt ttgcttgtgg ccatttccag tgcgtttgaa 60
 tttggaccgg ttgctgggag agaccttgcc atcagagata acagcatttg ggaccagaaa 120
 gaacctgccg tacngcgatc ggtctttcca gtctgtgcct tccgtgggga tacagaacag 180
 taagtcgctt aataaaaactt gctgtctgaa tggagggact tgcatectgg ggtccttctg 240
 tgcttgcctt ccttccttct atggacgcan ctgtgaacat gatgttcgga aagagcactg 300
 tgggggtctat cctcngtngg tacctggctg cccaagaagn gttcccttgt gcagatgctg 360
 gcacggccca gctccantgn cttcctcaag accttttcta cctggc 406

<210> 434
 <211> 199
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(199)
 <223> n = A,T,C or G

<400> 434
 agttcctcca tccacaaatn atgcantcga gtttcctcga atttgggggc aatacacaca 60
 gagtgcaatg gatgaacctc gctctggaga aatcnctgc atantcatgg natttcccct 120

tncaggattt atacagaagc agtcttccaa attctgaaac ctgatgccca tcacatactt	180
tgggctgaga aaagaaaat	199

<210> 435
 <211> 114
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(114)
 <223> n = A,T,C or G

<400> 435	
ctgccttgct ccatgaagtc caggacantn tgacatgcac ttgtttcttg tctcttcatt	60
tgaagaatag tcttcgtcca ctgtgtacat ttttttttgt taatagggaa ggag	114

<210> 436
 <211> 312
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(312)
 <223> n = A,T,C or G

<400> 436	
aagactgaag tccgtgcccc tgcctgcag ctgccatgga agctccttgg accctttaga	60
agcttctcgc cgccatcaca ggagccccag aggatgtgca gcgggggtctc cccagttgag	120
caggtggccg caaggggaca tggatgacac ggcagcacgc ttctgtgtgc agaagcactc	180
gtggggatgg gctgcgtaac cattatccac nggcagtcgc aagtcctcgg ccctcattgt	240
cagcgnnggg ngccnccgac tttccagttt gtgcagaanc ctgacaagtc tgccccccat	300
ctcaccgtct ct	312

<210> 437
 <211> 251
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(251)
 <223> n = A,T,C or G

<400> 437	
aatatctttt gcacatgant gttctgcctg catggatgac tgtacagcan gctcatgcag	60
tgatgaagga gaccagaaga ggctccttggg aatanagtta caaacaattt tgaaccacca	120
tgtgggtgct gagaattgaa cctatgtcct gtggaagatc agccagtgcct cttaccact	180
gagaaatctc tccatcacct attcttgttg tttgggtttt ctttttcttt gngngtttct	240
tttttttttt t	251

<210> 438
 <211> 226
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(226)
 <223> n = A,T,C or G

<400> 438

atactgaagg	cactattgct	gaggtagaac	agatgtgntt	gagatcgagg	ctaaactgga	60
caagctgggc	aaactgtgca	gnngnatgat	cgaagccggc	aaatcctacg	tcaccaccaa	120
caggctcttt	gtgagccggc	gtccgagacc	tgtctcagca	gtgccagggc	nacaccgtca	180
tctcggaatg	tctgcagagg	tttggagaca	gcctacagga	gatgga		226

<210> 439
 <211> 255
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 439						
atactgaaga	ataggagggg	gagccccgag	gatgacctga	ttggaatccc	attcccagac	60
cacagcagcg	agctcctgag	ctgnnngaac	gagcagngcc	agctnancca	tctgtgcgac	120
ctcaccatca	ggacgcaggg	tcttgagtac	cgcacccaca	gggctgtgct	tggctgcctg	180
tanccactac	ttnaagaagc	tcttnncggg	aggnaggagg	gggaaannng	gaatgngaac	240
tggggggggg	ggggg					255

<210> 440
 <211> 271
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 440						
gaactgagtt	ctggcagggtg	atctgtaaga	cagtgactga	ntatggatca	tttgaacgag	60
gcaactcagg	ggaaagaaca	ttcngaaagg	ngntaacaat	gtgagtgatc	cgaaggggtcc	120
acccgccaaag	attgcccggc	tggagcagaa	ccggcagccc	tctaggaaga	gganggcttg	180
ggagcacagg	ttggaaagat	gcagggagtg	cctttaaanc	actcggggcca	tctcatgaaa	240
acnggggggta	ggaaaggaac	catgtttccc	a			271

<210> 441
 <211> 272
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 441						
ggtctatgtg	cactagnagt	aattctgnca	caatgcctga	aataactacc	agccatcttg	60
nngaaaaaca	ggntcaggnt	ctagcggnga	tgtgtattct	tattgatgaa	aatgacaata	120
aaattggggg	ctgacaccaa	gaaaaaactg	gtcaccttaa	tgaaaacatc	gacaaaggat	180
tattacatcg	agcttttagg	gggcttcttg	ttnaatactg	aaaanaagct	cctgttgngg	240
ggngatcag	atgctaaaat	tcctttccag	gg			272

<210> 442
 <211> 285
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(285)
 <223> n = A,T,C or G

<400> 442
 atgcagcagc tgccccangc cctgtgcttg gcaacattcc ccccaatgat gggatgcccg 60
 gaggccccat cccggnaggn nncctttcagn ctttttatgan accacaatat cncagngcga 120
 cncaaagcct ccaantaaaa tgggaaacca tatctatngg aggagtccct gggacacaga 180
 tcattgctgc cnaatnccan ggatcccana cgacaacaag gacacnccaa catgggnggn 240
 ggaatgcana nnatgaaccc tcccngaggg gatggggggcc catgg 285

<210> 443
 <211> 286
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 443
 aaatttcccc agtactgcag aagnacaggn attcaaggac aacctctaca gccaaaccag 60
 ttgagggcca gcctgttcta tcgagatcct gtctngngga cagaaaaagt ttcattgagan 120
 cgtggtgtgt tggcacaatc ttttatttcc gagcacttga cgcattaaaa ttaagggcag 180
 atcttcatga tttggggggcg ggccctgggc ttgattccaa agaaccttgt ttccaaaaca 240
 aacaaacgaa aaagtgttat gggggggggg gggccaaggg ttttgg 286

<210> 444
 <211> 244
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

<400> 444
 gactgaggta cctcctgnat gatgtcaacc ccncaaaggc ttcaatctcc gcaggggatgn 60
 ctatatccgg gtggcatcct tgctgaagac gctgttgaag actgaagagn ggggtgctagt 120
 cctgcccccg tggggccgcc tctaccactg gcaaagccct gacatccacc aggtccggat 180
 tccctggtcc gagttttttg acctcccag tctcaataaa aacatccccg ttataaaaaa 240
 aaaa 244

<210> 445
 <211> 190
 <212> DNA
 <213> Mus musculus

<400> 445
 ttttagggac ttccctgaagc tgttttgagt tgtttactta tggatcttca ctgcaagatg 60
 gactgttcca atctcagagg aactcttcca gaaacctgta tagactactt tggccttgaa 120
 ctctacaggg tgggcctgcc tttgcttcct agtgctggga tttaaagggtgt gtatcaccac 180
 aaaaaaaaaa 190

<210> 446
 <211> 136
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(136)

<223> n = A,T,C or G

<400> 446

ggcttgggga gatccgcttg tcaggggnnc atcctcttcc aggetgaggg ctcccgttag	60
acactctcac gtttgacatc ttcctcctcg gggcgggtgt ggaccaccgc ctgcctntc	120
tccggaaaaa aaaaaa	136

<210> 447

<211> 236

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(236)

<223> n = A,T,C or G

<400> 447

gactgtgcag ttgttgctcc tggatgatgtg gatggctcna atgtgctcac tgccagagct	60
acttcgggnc cagnactgaa ctnttcaatg tctgcatggg atgccannca ccacaaagaa	120
aaanccgggc ccctggagga caattttaca cgaccagggg canccccctg ggaagancna	180
attccctggc tgttcccacg aaacaccaag cccaggaagc cacattaagg gacgtt	236

<210> 448

<211> 177

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(177)

<223> n = A,T,C or G

<400> 448

aggtgatttg ccgttgagaa gctcgctact tcgcacacaa acaggaggta cggggactca	60
aacccacat tccctctcca ccctcggcct tctctctctg ctctcttca aaattgtttg	120
aagtttgaaa ttccacgaaa ttcattgtag canaaattan gcccgttgta caaatca	177

<210> 449

<211> 238

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(238)

<223> n = A,T,C or G

<400> 449

cgatcagtag agggaccaga aacttctctg caaagtggcc tgcacaagct caaaccagcc	60
aacgtctcag tgtggacagg gaagggtcga tgaagtgcta cccctaactg agaagtcact	120
gacagttgga aggacgagtt ggggttcttc acagatgtgg tccctgaaag gcttaccctg	180
gctcctngtc accagagcac aggaaattgg gaggagaatg gggggggggg gggataga	238

<210> 450

<211> 207

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(207)

<223> n = A,T,C or G

<400> 450
 ggctcaataa cattgagcgg cccctgctta tcttcggcac caagtttgac ctgagacagt 60
 ggttcctggg gactgactgg aaccactca ccgtgtggtt ctaccgagac agctacattc 120
 gcttctccac acagcccttc tccctgaaga gngcngggac aactgagtgc accctcctcc 180
 cctgactatc cagactagtg tggaggt 207

<210> 451
 <211> 460
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 451
 gactgaggaa ggatttttgc tgggagaggt aagacaagag gaaactttta gcatcagtga 60
 ctcacaaatc agcaacacag agtttctgca agtaattgag atccataacc atcagccttg 120
 ttcacaactc ttcagttttt atgattatgc gagcaaagtg aatgaagaaa gtttggacag 180
 aattctgaaa gatcgggagg aagaaagtta tcggatggta caggttccgg cgaaacaccc 240
 agcagcagat gtctacaggg gaacaggtca tccacaagca gctcacccgc atcctcgng 300
 tgccagacct ggtcttcctt ctcttcagct tcatctctac cgccaacaat tctactcatg 360
 ctttanaata tggtctcttt anaccaaacc gnaggtataa tcaaaggata tcacttgnta 420
 ttcccatcta ggcaatacta gccagcagga gtccaaaggg 460

<210> 452
 <211> 169
 <212> DNA
 <213> Mus musculus

<400> 452
 aacagcttgt tgcacaagcc tcaggacctg agttcaattc ccagaaccca tggaaaagat 60
 ggaaggagag agctgacttg acaaaactgt cttctgacca ctgtacactg gactggagcc 120
 acggactgca ttgtacagga aaataaaaaca atttgtatga aaaaaaaaaa 169

<210> 453
 <211> 464
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 453
 tgaagggtgaa gcttcctggt gaagatggca gaccagtat gttctcactg aagttccggc 60
 ggcatggaag cgggtagcca agtatgtcat ccggggcttt tatggcattg agcacgggtg 120
 tggccttgga catcttgatc cggaaccctt gtgtaaaaga agangacatg ctaggagctg 180
 ntcaagtttg atcgggaagc aacttcgatc cgttttgaat aatttaaagg ganacaagtn 240
 catcanatgc anaatgaggn tagagactgc tgcanatggg aagaccaccc gccataacta 300
 ctacttnatc aattaccgga ctcttgntaa tggaaggga anataagctg gaccncatga 360
 aaaggaggga ttgaaacaga ngnagagaaa ttcccccaat cgggcttccc ttcaaagtnn 420
 ctgtctgntg cagnacttct actganctaa aaacccatca actg 464

<210> 454
 <211> 280
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(280)
 <223> n = A,T,C or G

<400> 454
 acctgactgc cgagattgtc acgacttctt ggcttgattc tgcaccgcct gantctgnca 60
 gngaccgaca ggctttgttc aaaagnatgc ccaaaccctt ttggccctct gtgctacaga 120
 ttacaccttt gcgatgnatc ctccatccca tgatcngcac agggcagnat tgggggcanc 180
 cgngctaggc ctagggnggc cngctctatg tctgggggat gaacctnaca aaagttgnnn 240
 ggcccgggaa tcacaaggnc nctgaaggcc cccagggcct 280

<210> 455
 <211> 319
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(319)
 <223> n = A,T,C or G

<400> 455
 gtcttttgcc gcttcatgtc ntccatggct cctcaagaca tttgtcctca tggtaggact 60
 tgccactggt gcgtttatgg tgagaanggt gtnccnaca acagactncn gcaccttcaa 120
 nccaaagttt ccagannctg natgggtnga cccanggctg aagctttcta ccnagganc 180
 atctgaggaa nctctttacc tacagtgaca tctggctctt ccccaaaaat cagcggggac 240
 tgtaactctg ncaaactgcg antgaaatat aagtttcngg atgcctatan ccagaacgnc 300
 cttccagctg ggaatgcca 319

<210> 456
 <211> 367
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(367)
 <223> n = A,T,C or G

<400> 456
 cccctgccgg agaagaaatg ggngactgtg ggtagatacc tccctgagga tattcaaattg 60
 ggtgcctgtg acagatagca aggagggatt ttgaacttta tacaaacgaa tcgtagggct 120
 ggagagatgg ctacagcagtt ttgatggctc agcagttttg agcagtggat gctgttccgg 180
 aggacctgag ttcagttccc agccccaca tggnggctca caaccttcag taactccagt 240
 tccaggagat ctggtgccct gttctgacat ctgctggcac caggtagata tgtggtgcac 300
 agacggtata tgcagccagt gcaccgtaca cataaaaataa aaattgaaaa actggaaaac 360
 aaaaaaa 367

<210> 457
 <211> 428
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(428)
 <223> n = A,T,C or G

<400> 457
 ggcttgcccc tgatcagcct gagtctgac tgaagatttt ggtgtttaag gcattaagaa 60
 catagcctga atngttcatg gagtttttca tcagtatgtc tgaaaccata aaatataatg 120
 atgatgatca taaaaccgct gtttctgaaa aacactggaa cgaacagcgg cctggggagg 180
 agaatttctg cgacatcgcc ttcgtgggtt gaaagatgta aagttcccga gcccaccggg 240
 ggngntcctc gcccgccctg caancacgtt actttttnaan aaagcttttt caannaaacc 300

tagaaagtna gaacacgccc cnccccgcgt	ataagagaat agnattttccc tcccgcctnct	360
nacaatatatt tngaagaggg tgctgaactt	acatngtnnc nccggccagg atttccggag	420
aaaaagg		428

<210> 458
 <211> 430
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(430)
 <223> n = A,T,C or G

<400> 458		
gactgagatg acggcccttc ttaccaacca aacagaatga	ggaatttcgt cccttcattc	60
gaaggcttcc agaattcaaa ttttggcacg cagctacaaa	aggcattctt gtggctatga	120
tctgtacctt cttcgaggct ttttaacgtcc cagtgttctg	gccgatcctg gtgatgtact	180
tcatacatgct tttctgtatc acaatgaaga ggcaaataca	gcacatgatt aaataaccggt	240
acataccatt cacacacggg aagaggagat acaaagggaa	ggaggacgtg ggcaagacat	300
ttgctagtta gaagctggac tgattctcac acggactcaa	gaacggtttt gagccattgt	360
aacaatgcct ttttcttcac ataaagtagt tgattatgag	gaagnngaatt tntcttttta	420
agaggagccc		430

<210> 459
 <211> 122
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(122)
 <223> n = A,T,C or G

<400> 459		
atactgagta tagtaagaag acatgggtttc cccccacttc	cacagcacgt ctaagtttta	60
tcttttttgg ggtccttata tgtggggccac antggaacan	ctgtgaatat cacgctgtta	120
aa		122

<210> 460
 <211> 188
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(188)
 <223> n = A,T,C or G

<400> 460		
gaactgagca tcttccccac ccccagcccc cangaccaag	gacaggctgn gtccagacag	60
aaactgttca gcatcccagt gaatggacaa ttgcactgaa	ctccacaagc atccccctgcc	120
ccgtgcccac gtcctgagat ccttatccca gatggaaaag	ttaaatacgtg gctttgaaaa	180
tccaaact		188

<210> 461
 <211> 203
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(203)

<223> n = A,T,C or G

<400> 461

gactgagtat	cttcagatga	aatggccact	gcttgatgtc	caagcaggaa	gcctccagag	60
cagacaaacc	ctcaaggatg	ctcgttcgcc	gtcgccagca	cacatcgttg	taagtaacct	120
ctcagtgaga	gccnccccctc	tgttgagggt	aaaggatcct	ttgatgatta	aaaactcnta	180
tttgtctggt	ctttaaaaaa	aaa				203

<210> 462

<211> 471

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(471)

<223> n = A,T,C or G

<400> 462

gactgaggtc	ctccttgtgg	ttcattttctg	ggcaccatgg	gctccacagt	gtgtacagat	60
gaacgatgtc	atggcagagt	tagctaaaga	acaccctcat	gtttcatttg	tgaagctgga	120
agccgaagct	gttcctgaag	tatctgaaaa	atatgaaatt	agctctgtcc	ccaccttcct	180
gttcttcaag	aattctcaga	aagtcgaccg	gttagatggg	gcacatgccc	cagagttgac	240
caaaaaagtc	cagcgacacg	tgtctagcgg	agcctttcct	cctagtacta	atgaacatct	300
taaagaagac	ctcagccttc	gcctgaaaaa	gctgactcac	gctgccccct	gcatgctggt	360
catgaaggga	acacctcaag	aaccacgctg	tggtttcagc	nagcagatgg	nggaaatcct	420
tcacaaacac	aatattcagt	tcagcagctt	ttgatatcct	ctcagatgaa	a	471

<210> 463

<211> 340

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(340)

<223> n = A,T,C or G

<400> 463

gactgagatt	tgataatggg	ctgcattaaa	agtaaagaaa	caaaagtcca	gccataaaat	60
acacaccgga	aaatcttaca	gagcctgtag	gccaagtgc	cagtcattat	ggagtggaaac	120
atgctacagt	tgccccgacc	tcttccacaa	agggagcatt	cagtnaattt	taaacagtct	180
ttcnatgaca	ccctttggag	ggtcctcagg	gntgactcct	tttggaggag	cgtcttcctc	240
attntgagng	gtgtcaagtt	catatcctac	agggtttanc	agaggatggg	caanaaagtg	300
atactttcct	ntggaatnaa	gaagccctaa	aagtataaac			340

<210> 464

<211> 238

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(238)

<223> n = A,T,C or G

<400> 464

actgagattc	agagtcattg	ngctcagcga	ngcgaattta	cagacactaa	cagagtnttt	60
aaagaaaacc	ctggatcctg	atcctgccat	tagacggnca	gctganaagt	ttctcgaatc	120
cgtagaagga	antcagaatt	acccactgtt	gctttttaaca	ttattggaaa	aggcacagga	180
tantgtcatt	aaagtatgtg	cttcagtaac	cttcaagaac	tatattaaaa	ggaattgg	238

<210> 465

<211> 276
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(276)
 <223> n = A,T,C or G

<400> 465
 gactgagact ccagttctca tctggctccg tttttaaaact cccaccttgt cactcatctc 60
 gcctccttgg agtgacatca tgaagggtgt gaacctgaag caggccattt tgcaagcctg 120
 gaaagagcga tggagtgact accaatgggc aatcaacatg aaaaaattct tccccaaggg 180
 agccncctgg ggactttctc aacctancaa aagcgctcct ggagcaggct atgatngggc 240
 ctcccccat tcctttgatc ctgtcgtacc tgaaga 276

<210> 466
 <211> 167
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(167)
 <223> n = A,T,C or G

<400> 466
 aactgaggtc gcagacactt tgtgaaanga gtgagtcaga gacgacgaen taccnngct 60
 ctcttcccat accttagcag ctgnccagga gttttatgct tgagcagaaa ccaatccgtc 120
 aaccccagag gggatgataa attataacgg ttggggtaat tagagga 167

<210> 467
 <211> 116
 <212> DNA
 <213> Mus musculus

<400> 467
 gactgaggtt agaaagaatc aaacaatgca gacataattc atctccttaa agattgcgcc 60
 ctagtacttg aaatgctttt tattttaaag agtagtaaaa atggaaaaag aaaaaa 116

<210> 468
 <211> 390
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(390)
 <223> n = A,T,C or G

<400> 468
 gactgagggg cagagtcatt acagttgaaa ctacagagta ttctgctagc agccttcaga 60
 tgaagatgta gaactctcag ctctcctgc accatgcctg ccgggatgct gccatgctcc 120
 tgccttgatg ataatggact gaacctctga acctgtgttg atgtgctgtc gggacagctc 180
 tggagcacc ttaaagtcca gctcttccat ctccgcttca tagaacttgc ggcagaaatc 240
 tttaaaagac tgaacacagg caacacgaaa gtgattagca ccaacagcct cctttccagt 300
 gcacaaaatc aaaatatcaa aatgtaatgg gngnacagat ttgattngca aagaaaaang 360
 nggaaatgta taaaaattca aaaaaaaaaa 390

<210> 469
 <211> 266
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 469
 actgaggagg tgcccagaca tgggtgactg gagcgccttg gggaagctgc tggacaaggt 60
 ccaagcctac tccacggccg gagggaaggt gtggctgtcg gtgctcttca ttttcagaat 120
 cctgctcctg gggacagcgg ttgagtcagc ttgggggtgat gaacagtctg cctttcgtcg 180
 taacactcaa caaccgggt gtgaaaatgt ctgctntgac aagtccttcc ccatctctca 240
 cgtgcgcttc tgggtaaaaa aaaaaa 266

<210> 470
 <211> 212
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> n = A,T,C or G

<400> 470
 aatggaggct gaagagttaa ttggcagcag tgtgacgatt gattccatca tgagcaaaan 60
 gagagntntt anaaatatga tatgtgaaga ctgtactgat gagctaagct tgtctaaaat 120
 ccttggtgccg atcacaccga aactggntaa nccaaaatta tgagggttgg ggaacacccc 180
 anagaactgg ctgaattttc ttgctgaaac ta 212

<210> 471
 <211> 238
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(238)
 <223> n = A,T,C or G

<400> 471
 ggacctgccc tgectgctac nnnganngtn nnnnacagga ccatagggtgn ngcaagacct 60
 acagcancct gntcanagtgt gtgggacgtt gcattcccan cccagatctg atcgtcttac 120
 tagagcagga gaagnagacc cctgnatggc ttgggaaaaa agaaacaggc agcccagacc 180
 caagggttttg gagacaggnt ttccnancct gaaaatnaga nctccaaaaa atcatgtt 238

<210> 472
 <211> 364
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(364)
 <223> n = A,T,C or G

<400> 472
 actgagagaa atgcaggcag nagntcagga tggnacccgaa gattccgatt tttctacnga 60
 tctcnagcat acagacagnt nanagagtga tggcacctcg cgccgatctg cccgagtcac 120
 ccgctcctca gccaggctaa gccagagttc ccaagattcc agccctgttc aaagatngnc 180
 agtctttngn aactgnggag cctgnctatt ctaccagaag ggtgaccctg agtcagcagc 240
 agcccacgcc agtgactcca aaaaagtacc ctcttngaca gactcgtctc tctggctctg 300
 aaacggagca ggtggtggac ttttcagata gagaaactaa aantacagct gatcatgagg 360
 agtc 364

<210> 473
<211> 244
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(244)
<223> n = A,T,C or G

<400> 473
actgaggttt aagtgccccca tttgttccaa gtctgtggct tccnatgaga tggaaatgca 60
ctttataatg tgtctganen ggncnngnc tgcctacaa tnatnatgtc cctnactaaa 120
natgccgggt gagtgtgcta atctccctga agaancgtct tcaggnggnc acaatagcca 180
gcctgccttg ccttgtncat ctataacaaa agnctgcnta anctcatggt ttagaagtga 240
acag 244

<210> 474
<211> 368
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 474
gactgaggtc tactgctgct ntgctctaca ngggttactt cctccaggac tgccanctgt 60
nngatcanaa taccgtgaca ctgggtgtggc ttgaagnata ttnacnctc nccngagaat 120
ctctaangct acntactcac ccacttctga naggcgtcaa aggttccaan cgaacnctgc 180
ctggntcact agcatcagaa tttcacagat ttaggttcat tctncttgcc tcagaaattg 240
atcaaggggc acattcccct gatgttaact gcaaaccctg acgagtctct naagacagnt 300
caancttcan ncnegntttg ggctttctga acctctgggc caccttcagc tccatttcct 360
tgacaagg 368

<210> 475
<211> 374
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(374)
<223> n = A,T,C or G

<400> 475
gctctggaag ctatggacca gcangacctt ccagaagaga gagaccgatg gcagtgggtg 60
aactgataag ggccctaggt aggctnaaag tgnccacgga ccaagatagc attgaatttg 120
gggcatctgg gggctggctt gactttataa attggacctg ntaagcnagg ttcctttgga 180
ctgggaatgn aaagaagggt gtcacttgnn naaataaatc tggatggccc ttggggcnta 240
ccnecgnccc ccggggngtt ttctgggaag cnagtngnga aaaagggggt gcctttttta 300
aaaagttttt nttgttaacc aactgggccc ccacctnttt aaattnttgg anttttaaaa 360
aaccctcttt ggaa 374

<210> 476
<211> 275
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(275)

<223> n = A,T,C or G

<400> 476

gactgagatg	gtggaccggg	caagattact	gcttgctgcc	ttgagtana	gtgggattan	60
tccgaatgac	ctctttgatg	ttgatgggtg	agatgctggc	cttgccaccc	ntacncccc	120
ttcanttcaa	cagaagcngc	ctccatccac	ttcaacagct	nggggctgaa	tcacaataa	180
tcaacttcca	tctttgngat	ntnccaatan	ncnatgactc	actccccnc	ctgctaaata	240
cgaaggggga	naaccntcac	ctatgacaaa	ttatc			275

<210> 477

<211> 394

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(394)

<223> n = A,T,C or G

<400> 477

gaaaaccggc	cattgaatag	aatncacngt	caagccgann	atncnanccg	gannatgtga	60
ttatncangc	tanngngcat	atgctactgg	agacnacaaa	gcctgtttcc	ctcggancca	120
atccgctggc	ttaaattttg	cagaganaat	cacgtcagnc	cncagaaant	cttcctctgt	180
agccatctgn	nanncnngn	gtntnaanta	aatgactgtg	nctaatcagn	ncacagcctc	240
atggagantg	actcctaccc	ctctgttcct	gagggtccaa	atgnacttan	atctgctgtc	300
ccanagccag	aggaggctca	cntagacctc	ggagggggac	tcttggaagt	cactggcctt	360
cctttccct	tgctgccaag	accatattct	gaag			394

<210> 478

<211> 429

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 478

gactgagatg	ggctgggttaa	aagaaaagca	gcttatcgaa	ccgaggtgag	cgatgaagac	60
atccaaacaa	tgccatgctg	tacaccggga	gcactttcta	tttgccctggg	aaactacgag	120
cggagccct	ggatgccatt	ccactcgaag	gcccccaagt	ctcctaaggc	actgcaagta	180
agaaggagcc	gggctcacca	tgaattcact	ttgaagtagg	tgggaacttg	ccacgacgtc	240
cctnagctgt	gaccgtgtga	gaactcggct	ggctgactgc	aggtattcca	tggctacctt	300
ctcccggggg	gttgagacgg	ncacaaaggg	ttcnacactg	cccaggctac	tcatgtccag	360
cgtaagagat	acattggaac	ctcgntaca	tgggggaaag	aatgntatta	catttaaata	420
ttcatgaat						478

<210> 479

<211> 143

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(143)

<223> n = A,T,C or G

<400> 479

tatgctggat	gagcagtggg	naccatctan	atcgcataga	agaaggcatg	gaccaaataa	60
ataaagacat	gagagaggca	gagaagactt	taacagaact	caacaagtgt	tgtggcctct	120
gcactctgcc	ttgtaatagg	gcc				143

<210> 480
 <211> 249
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(249)
 <223> n = A,T,C or G

<400> 480
 actgaggatg ggatgcgtga agtccaggtt cctccgagat ggaagcatgg nctcnaaaac 60
 agagccaagn gccaatcaga agggccctgt gtatgtgccg gatcccacgt cctccagcaa 120
 gctgggacca aacaacagca acagcatgcc cccaggggtt gtggaggggtg agtatctagg 180
 aagcttgggt ctcagcatca nnatacatnc attancttag attctgagtt gtaactgatg 240
 ggggaaagt 249

<210> 481
 <211> 407
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 481
 tgttgggcct taagaggccc caccggtctt tctttgagtn cttnatccgg acactcatca 60
 tcgtgggcac tggcctgnct gaggnctcctt tnttcagtcc tncatctgcg atggccacnt 120
 ggcctcctaa tggaaggatc atctcttttg gggcttgngg aactttctgc accatcgga 180
 aaccacagtg gaaccacatt gtcttganna gacctgagcc cagggcccca tatgccccgg 240
 gcgtgggctg gtagnncatg ggnccctnanc ncgccaagtg gnggncccgc cattggcnag 300
 nnggtgngcc ttnccaattt tcccccttg gaaaatgctt cattggtngn cccaaggngg 360
 ggtaaaaaag tnccgttnac gggacaaggc gggcccatcg ggttcct 407

<210> 482
 <211> 143
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 482
 tgatgaaaaa ggagattnta tgagcagatg ancggctcctg tnacctncgg ctncggccag 60
 nanaatggtg ccggcgtnat cctccgagnt gttgnaagag ccggagagan catccagaat 120
 tccttgggtg gaagatgagg gcc 143

<210> 483
 <211> 171
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(171)
 <223> n = A,T,C or G

<400> 483
 agacaacggg aggcaccaca gaagtctgtg gaaagaacag nagatgaant gnccaganct 60

ggccttacag	ggccttcaca	gagaacgtnc	cacccgctgn	aaactgatgc	cgggctcctt	120
ccccneggga	cggagtcttc	aaacatatng	gggataaaaa	tgtttcctgg	t	171

<210> 484
 <211> 531
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(531)
 <223> n = A,T,C or G

<400> 484						
gactgagaac	tgtgcctggt	gatcttgntt	gcttcagtgc	atctacaaca	tcggcctact	60
cctccctgtc	ggtgattgag	atgatctgtg	ctgctgtctt	acttgtcttc	tacacgtgtg	120
acctgcactc	caagatatca	ttcatcaact	ggccttggac	tgacttcttc	agatccctca	180
tagcaaccat	cctgtacctg	atcacctcca	ttggtgtcct	tgtagaagga	agaggcagct	240
ccagagttgt	cgctgggata	ctgggcttac	ttgctacgtt	gctctttggc	tacgatgcat	300
acatcacctt	tcctctataa	ggcagcaaag	acatacagca	ggctcccact	gacccactg	360
atgggcccgg	tgatcgtctt	tcagctgtct	ctgctacctg	gncaatagga	tcctccatca	420
aaaaactttc	ctcctgnngg	ggcggggggg	gggctccgcc	tttctcccaa	agctntcagg	480
agggagaagg	cagggnngat	ccctggngaa	ggtgaggcca	gggctacaca	g	531

<210> 485
 <211> 483
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 485						
tttaagcccg	cgccctccgg	gtccgctttg	cnggatcncc	gctagnctgg	acctgncacg	60
cggaccgcac	ggngagctnc	nggnaanggc	agaganngac	ngagtcgaan	gnctngctct	120
ccntacncac	atcgcccggg	tagnctctcc	tacacancgc	tgactttcan	aaggagctgc	180
tctcctcaca	ccttggacgc	cgccggaagc	tncaaaccgc	gccgcactaa	cgccgcccgc	240
atgtttccga	gccccgcccc	cacgcggnga	gctacttccg	ccctggcgga	gttcgctcct	300
cggcagaaac	tggagcagga	gctcagggtt	ccgcagcnag	cggagagtgc	gccttagaac	360
gcangctcaa	tggttttctt	atancccccg	aggancgggg	agctaggggc	ngtgtccnaa	420
gcgcanaaag	ccacagttgt	tcaattttct	aagcaacagg	nctctggtga	tccaggcttg	480
tggt						483

<210> 486
 <211> 356
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(356)
 <223> n = A,T,C or G

<400> 486						
caaatccgga	gattgccagg	aggcttctcc	tcanagggtgc	taatcccaat	ttgaaagatg	60
gaactggttt	tgctgtcatt	catgatgctg	ccagagcagg	tttcctggac	actgtacagg	120
ctttgctgga	gttccaggct	gatgttaaca	ttgaagataa	tgaagggaac	ctgcccttgc	180
acttggtgc	caaagaaggc	cacctccctg	tggtggagtt	ccttatgaag	cacacagcct	240
gcaatgtggg	gcatecggaac	cataaggggg	acacccgcct	tcgacttggc	caggttntat	300
ggaagaaatg	aggtcattta	gcctgatgga	ggcaaattgg	gttgggggag	ccacaa	356

<210> 487
 <211> 220
 <212> DNA
 <213> Mus musculus

<400> 487
 tgaggtggga ccccggggggt agagctcaag tccccagggt tggcagcaag caccgttagc 60
 tgcagcatgt catgggttag tggcctcctg gttcccaaag tggatgaacg gaaaacagct 120
 tggggggaac gcaatgggca gaagcgccca cggcacgcga atcgagccag tggcttctgc 180
 gcacctcgct acatgagctg cctcattaat aaaaaaagaa 220

<210> 488
 <211> 179
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

<400> 488
 cggggcactg caagatgggt cacnagataa tactnaactg ctttgatgtg acccttgccc 60
 cttcattnac anacnggggg tcctttanac tcccagccct gggcacacac accactcact 120
 gaacacccca gnetgaatag nttattttct cantagnac cagaggggtg gttcacttg 179

<210> 489
 <211> 104
 <212> DNA
 <213> Mus musculus

<400> 489
 gactgagagt cactgttcat tttatttcaa aatcgagca tgttcgtcat ggagacagat 60
 gttctcgggt gcacaataaa ccaaccttta gccagaccat tgtg 104

<210> 490
 <211> 384
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

<400> 490
 tgagctcttc cccaacgccc ctacgccaat gtctccan cn gncacaaacg tgaatgangg 60
 actntcnan tntcttcaa natncanang ggcncgtgn ananntttcc agggangagg 120
 gttatgactg attgcgggac atgccagatg gtaccttctt agttcgtgat gcctcaacga 180
 aatgcaggg ggattataca ttgactttga gganggcngg aattgcctgt atctgcagga 240
 tctntaatat gtgatggccc tcgttggcac ctccntann ncnggcataa tctaaaatgg 300
 ngnaccttat tacnctctac caccacaagt ctctcgctca gtccaatccc aaactcgacc 360
 gngaantgc gtacccagtc tcca 384

<210> 491
 <211> 546
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G

<400> 491
ctgaggggtga cacttcccaa atctcctcag tcctgacccc ggcatcatgc atcggaccac 60
acggattaaa atcacggagc tgaaccctca cctnatgtgt gccctctgtg ggggctattt 120
tattgatgcc accaccattg tggaatgctt acattccttc tgcaaaacct gcatcgtacg 180
ctacttgag accaacaat actgccccat gtgtgacgtc cagggtccata aaactcgacc 240
actgctgagc atcagatcag acaaaaccct ccaggacatt gtctacaagt tgggtgcctgg 300
gctttttaaa gatgaaatga aacggcgacg ggacttctat gcagcatacc ccctgacaga 360
ggtccccaac ggctccaacg aggaccgagg cgaggctctg gaacaggaga agggggctct 420
gggtgacgac gagattgtca gtctttccat tgagttctac gaaggcgta gggaccgaga 480
ggagaagaag aacctcacg agaatggaga tggggacaag gagaagacag gagtgcgatt 540
ccccta 546

<210> 492
<211> 426
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G

<400> 492
gactgaggtc ttgtccaata aacatgtggc tcctgaccac ctactacaga tatgccagcg 60
catcgggtccg atgctggata aggaggtccc gccagtatc tcaagagtca cttctttgct 120
tgggtgcagga aggcagtctt tgctacgaac agcaaaaggt accttaattt gaagaagtgt 180
tgngctttgt attagtagct tacattgcag ttgggaagct gtgtaaacac cgtggaaggt 240
ttgcagtgcc atggactgac tatacacttc tctgcattag tagnaagatct ccgaatttta 300
nccatgcgct tgatgggtcc tccntttca naaaacgtaa aatgttaagc ctgaaaagct 360
tgnagttnaa catggggctt ggaggtttta tcaangnga gtncttaatt tttttccatt 420
ttggaa 426

<210> 493
<211> 478
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(478)
<223> n = A,T,C or G

<400> 493
ctgaggatcc actgaccttg anccactcca aagctctctg gagtcagaat cagctggctt 60
cctctagccc cactccagga tcttttcccc agggcactga aagcctcagc ccttggcaga 120
tangaaacgt ctgggcaagg gtnnacaggc acactggcaa cctgtgtgag taangagcgc 180
acactgaact gccatnnca ccaacaccct cctttaccct ctctgntcg ctctnggcc 240
tattcttgct ntgtgtgtgg aaagaggttt tcaactcaagc atnagatgga gacacattac 300
cgagnccaca caggagagaa gcccttgctc tgtagcccta tggctctcag cgctcncggg 360
atctctctgc catgaccaag cacctgagga cacatggggg ctgctcccta tcgatgccct 420
ctgtgcaggg atggctgccc tagcctggcc ttcatgnagg ngcacatgcg tgggcact 478

<210> 494
<211> 454
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(454)
<223> n = A,T,C or G

<400> 494

attgaggaac	agaggttaca	cctgggcccc	gagaggctct	ggaaactcct	ccccaagcac	60
aaaacccaac	tgtactaagc	tttttgtgag	ctatttcagc	ccagaatggc	tgtggaatcc	120
agagcaattt	caacctttta	aacctcagga	ccatcaagaa	gaattaatnc	tagtgaaaat	180
ngaagatagt	agcttttctt	gaagtcagan	atgtaaacag	aatgggagng	cccaaattctt	240
gccnggaatt	atttcgccag	caattcagga	agttttgcta	tcatgaaaca	ccctagggcc	300
ccgagaggct	ctggggcgac	tccaggaact	tttgccatca	gnggnttaat	gccagagttg	360
cacacaaagg	agcagatcct	anaactgtta	gtgctggagc	nagtccttga	gcatactacc	420
tgaagagctg	aagatanggg	gttcaacaac	atgg			454

<210> 495
 <211> 104
 <212> DNA
 <213> Mus musculus

<400> 495						
ggcctctcag	ccccaagaaa	gaccgtgtga	atcattgtct	aacaatatgt	gaaaacattg	60
tggcacagtc	tctcagaaaa	caaagaagaa	gaagaagaaa	aaaa		104

<210> 496
 <211> 272
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 496						
actgattcgg	tattctaaag	aatggaccc	ttccttccaa	atgagaactg	catatggacc	60
acaggacatc	tatacagtga	aagctgtgct	tctggggctg	gagagatggc	ttgaagggtta	120
agagcactgg	ctgctctctc	agaggaccca	ggttcaattc	ccagaaccac	atggaagctc	180
acaactttct	gtaactccgg	ttccagggga	cccggcgcac	atgcaggcaa	aacgccaacg	240
ctttagaata	aaantaatta	aaagagaaaa	aa			272

<210> 497
 <211> 102
 <212> DNA
 <213> Mus musculus

<400> 497						
gactgaggtt	agattcagaa	caagaaagtg	gacatatcca	aggtctcctc	caagtgtggg	60
tccaaagcta	atatcaagca	caagcctggg	gaaaaaaaaa	aa		102

<210> 498
 <211> 349
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(349)
 <223> n = A,T,C or G

<400> 498						
ctctgcacac	tactgaactg	gaccgangnt	atatccagga	aacgcttgta	agtggatcga	60
gctaccactg	ctgcctccta	tgaactgaac	tgatgatttc	ctgacaangc	agatgggatn	120
tactccaaag	ancaactgct	aaacaggncc	acttccttgg	tatcctanta	acctttcttt	180
tntactcgct	ctggnggatg	atgggctana	nggaagggtta	nagcatttaa	gancctatna	240
naagagccgg	gngtgngggc	acntgccntt	natcccagna	ctanggaggc	agaggcnggn	300
ggatgactgn	gtttgaggcc	ancctggngt	acagagagag	tgccaggac		349

<210> 499

<211> 413
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

<400> 499
 ttatctcagg ccggtcctgc cccggggggac ctgctcctca acgacatcat ggtgnccttg 60
 gncnacctt cttncgccag caggatgggc tgctacgggg tggctacnag gcacaggaac 120
 cgctctgccc ggctgtgcc cccgaggaagg ntgtcccagg cantagcttt acctatgtca 180
 ntgaggactt ncggacagag nctcctccca gccccagcag agatgttgaa gatccccggg 240
 aacatcaggc acacaatgcc cacctccgtg gccccccacc aaagctcatc cctgtntctg 300
 gaaagctgga gaagccttgg ntgncctgna actaactggg cagaccaggg ctgncctgna 360
 nctcacagag atctgtttgc ttntgcctcc cgagggctag gataaaaggc att 413

<210> 500
 <211> 265
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(265)
 <223> n = A,T,C or G

<400> 500
 gactgagatt ctccaaacac atagataaac acanagatcg anaacaccgg cataaggagc 60
 acatgaagga taaggataag gaccgggaaa agtctaagca tagcaacagt gaacataaag 120
 attctgaaaa gaaacacaaa gagaaagaga aaaccaaaca caaagatggc agctcagaaa 180
 aacataaaga caaacataaa gacagagaca aggaaagacg aaaggaggaa aagattagag 240
 ctgctgggga tgcaaaaata aaaaa 265

<210> 501
 <211> 377
 <212> DNA
 <213> Mus musculus

<400> 501
 gactgagggt tcttaaggcc cgcggggccc caagccccac ccacagcgct ggccccgccc 60
 accatgtcga tgaccatctt gcgcaggctc tgccgctggc gcttgctgag gttctggaag 120
 atgtcgcagt tctcttcttg cagcagcttg aatcccacag ccagggtggg gttctcaagc 180
 acagactcat cggtgtacat caatgccagc tccgaatctg cagagtacca cgtggtacca 240
 cctgggtacc aagccccgcc ccgtgcgcgc ccagtctcca gttggcttca ttttcagact 300
 gactagtccc agccccctcc tctgccacat cggtgcttca ccaaataaac caagcatcag 360
 gcgcctaaaa aaaaaaa 377

<210> 502
 <211> 325
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(325)
 <223> n = A,T,C or G

<400> 502
 gaactgagag ctcttccctg ctcttctggn cagccagtgt gtgcagaatg ccccaacaaga 60
 ttggatttgt agtgggtcagc tcctctggac atgaagatgg cttcagtgcc cgagaactaa 120
 tgatccacgc accaaccgtc agtgggtgga gatcaccaaa gtaaggctgg gctgaggggt 180

gggcatgaga ggcacatctct gagtgaatac atgggtgggct ttacacctcc tggtcacaaa	240
acatgaaatg catgtctaga cagctatatg gtatatattca gtgaaaacta aattaaatca	300
ttaaaattaa agtacaaaaa aaaaa	325

<210> 503
 <211> 257
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(257)
 <223> n = A,T,C or G

<400> 503	
gaggttcctg aaggcttcaa aggaaacctg atagaggagg ctcaatggcc ctgagtgaag	60
atgaggctga ggcagaagtg tctgtcaaca caaagggtccn atcctgtggc aagatggagg	120
aanacaggcg ttgctgcctt ccaggancta catnacagct nttcaatgcn ttctggaact	180
ataactgtac tnntcatgca caggaggntn nacantgnan nacttccntg ctaccnctgt	240
gatccatgtg aggtgtt	257

<210> 504
 <211> 152
 <212> DNA
 <213> Mus musculus

<400> 504	
tgtgtgcaca gctgcccacc cagtactgga cagcatcagc atcattgaca ctcttgggat	60
cctgtctggg gagaagcagc gcatcagccg agatttatatt attattatac agtgtactat	120
ataataaata aataaatctt taaaaaaaaa aa	152

<210> 505
 <211> 395
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

<400> 505	
acactgcaga ggaaacccga attgcttggt tggcattggc gagcacattt ggtaggaga	60
gatagatgag aatagttttc atagcattga tgatcccaac tgtgagagga ggaaaaagaa	120
ttcctttgtg ggcttgacta acctgggagc cacctgctac gtcaacacct ttctccaggt	180
gtggttcctc aacttggagc ttgggcaggc gctgtactta tgccccagca cctgcagtga	240
ttacacgaag ggagatggga tccatggggg aaaagattat gggcntcaga cttgnnnnna	300
ncatnttaaa aacttggttag ctttggttgca aaacaagtaa caanacgata catnggatcc	360
ttcaggattt gttaaagcct tgggcttaga tactg	395

<210> 506
 <211> 475
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(475)
 <223> n = A,T,C or G

<400> 506	
tattggttac cgtcagagct agantcccat cactgtcctt caaaatgcaa tggaatgtac	60
cacggactat gtctcggctg gcactcagga cattcgtgga agcacagaaa gccaggctct	120

ttgatcacca	ttggcgcata	aaagggccgt	tacttgtgca	tagaggtgaa	tacagagttg	180
gcttggacac	cacaccttcg	aaagcagngg	ctacatttat	ctgctgntca	gtgccttgca	240
nagnaaagga	atctcttaaa	tgctcaagcc	gcgctaagtt	ggggaccctt	gcgccaggaa	300
acgaagggag	nngnacattt	tattccaana	gggtttttat	cttccagntc	cacatcccag	360
ganactncat	cagaaaanga	aggnagaaac	cnggaenctt	tacaanacaa	cttctatcag	420
gnctgtatca	accggtntaa	gaaagacatt	tagacaatta	tgggaaaagt	tggtta	475

<210> 507
 <211> 487
 <212> DNA
 <213> Mus musculus

<400> 507						
gactgagata	ccattaacaa	ggacactaag	gttcccaacg	cctgcttggt	caccatcaac	60
aaagaagacc	acactctggg	gaacatcatt	aaatcgcagc	tgttgaagga	cccgcagggtg	120
ctgtttgctg	gctacaaagt	ccctcacccc	ttggagcaca	agatcatcat	tcgtgtgcag	180
accaccccag	actacagtcc	ccaggaggct	ttcaccaacg	ccatcacaga	cctcatcagc	240
gagctctccc	ttctggagga	gcgattccgg	gtggccatca	aggacaagca	agaaggaatt	300
gagtagcagc	tgaaagaagc	gttgcttagt	ggctggaagg	ctggcacata	ctcctcaggg	360
cccttcagtt	taccacatgg	cgacagccac	tctcagctct	ctagctgggc	acggggctct	420
gccccattct	gtacatagac	tgttgttttc	ctaataaaaag	cagagcagaa	aatgggaaaa	480
aaaaaaaa						487

<210> 508
 <211> 455
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(455)
 <223> n = A,T,C or G

<400> 508						
gctggaatta	cagtttccca	ccgttcgtgg	ctcagattgg	gtttttgaag	ttgatcaagg	60
agccacggcc	tnacagcacag	ccctactgcc	agcaccatca	gaggttctga	accaccccgg	120
gaacgctcaa	ttggggatgt	caccacggca	ccatcagagc	ctctccatcg	cccagatgac	180
cacaatttga	ccaacttaat	cattgaacat	ggcggtaagc	catctnggaa	ggccttccca	240
gtcctggaca	ttgactaccc	tcacgtgcgc	acaccctttg	agatctccct	ctggattctc	300
ctggcctgcc	tcatgaagat	aggtaccgag	cctgctggct	tgccgaagcc	tcctgcagtc	360
ctgcactgaa	gaaccatctn	ctccctccaa	gctgcttttn	ttttcctttt	gcctttttcn	420
aaanatcnat	tttattttat	atatatgaag	catcc			455

<210> 509
 <211> 514
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(514)
 <223> n = A,T,C or G

<400> 509						
agaccagtgt	ctcttcacca	gcacccagng	taaggtctgc	tgngccatgc	tgattttctga	60
gtctcagaag	ctggcgcatt	accaggtagg	caattttctac	tgtcttcgtg	cgcttacctt	120
ccaggcccag	cactaaggcc	tcgctgcttc	tgctttacac	agtanaagct	ccttgccacag	180
ntaccagatg	tttccttcat	acgtgtttgc	tagggctnga	aattgactta	gtttctgtga	240
ctgnatctn	gcccatgcaa	gacagtatcg	ttgnatgcan	atcttgccgg	acaacgtgat	300
gcantaggaa	gtntgagctt	tggctttacc	tanaccagaa	tttgaagcca	accccgttat	360
tcattgnagg	caagaaattt	caccatactt	ggccttagct	tcattcttgta	cacaatanca	420
gtgttntcat	agattgtngg	aggctaaatt	taatagcatg	taaagggcct	agcacatggt	480
agggactcaa	taaataaagt	tttcttcccc	caca			514

<210> 510
 <211> 157
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(157)
 <223> n = A,T,C or G

<400> 510	
atgtgttctt ataagcacac acagnggctc acacctgtng gcccgttctt gggaagnaga	60
ggtgggaaga ttgctgtann tnganaccaa cctgggctaa gnacattana gggaccctcc	120
tttaaaaggg gaanntatnt tcctcattgg aagaaca	157

<210> 511
 <211> 444
 <212> DNA
 <213> Mus musculus

<400> 511	
gactgagctt cctcattggt ctgggtctgcc tcattcttcag tgcctgtcc actattgagc	60
agtatgccgc tctggccacc gggaccctct tctggatgag gacctatgga agacttctga	120
agccgatcac ccatggagct cctattaaaa gaaaggacat gcatgcctta cactattgag	180
acagatgtgg gtgttctctg atccgaactt actgcaaggg ctgctagtgt ttgcctggca	240
tacatgaatc cctgggttca atctccagtc tgtataaact gtgcacagtg tacacacctg	300
tgatcctagt gctgggagat gaagagagag aggagcactg gaaggtcaag gttatccttg	360
gctacataga gtttgaggtc agcccaggct ccatgagact ctgccccagc aatagcaaca	420
acaacaataa caaaaataaa taaa	444

<210> 512
 <211> 508
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(508)
 <223> n = A,T,C or G

<400> 512	
gaactgaggc cctgancttn atcatcttct tngcttcacg gcctccatct ctgcctacat	60
ggctgcagcg ntgctagagt tcctcatcac actggccttc ctcttcctct acgccacgca	120
gtactaccag cgcttcgata ggctcaactg gccttgctctg gacttcctcc ggtgtctcag	180
cgccatcgtg catcttcctg gtgggtctcct ttgctgctgt gacctcgagg gagggagctg	240
ccattgctgc ttttggtttt ggcatcatcc tgggtctcgt ctttgccctat gatgcattca	300
agatctaccg aactgagctg atgccagta ccatgaggg ggaccagcag tgattccagg	360
gttacctggc tcccacgacc agacacaagg aaccgnggag cccatctttg tcattcttga	420
attcaccgaa cccaagtac ccaccatcta tattccacgt tttcaganat gngcgcttga	480
naagncccag gcacctgggg gaactggg	508

<210> 513
 <211> 424
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(424)
 <223> n = A,T,C or G

<400> 513	
gactgagttt taagctataa cattaatcat gagtgaccaa atcaaattca tcgtggacag	60

cctcaataag	gagcctttta	agaagaatta	taacttaatc	acatttgatt	ctttgggacc	120
aatgcancta	ttgcaagttc	tcaatgatgt	cctggctgag	attgacccca	agcannatgt	180
tcatatcaga	gnggnnatgc	cagagcagac	ngccaaacga	ctgatgaatc	ttcttggtnt	240
ccttnccgnac	aaacctccgg	gaaatgccac	ngacatgagc	nccttccgtc	angncttggt	300
gattggaagt	aaacctgtna	ttaacccagn	gctccactgg	cttcttcagc	ggagtantga	360
actaaagaaa	agggnntatt	tagctngttt	cttaataaaa	ccggagggtgc	caagtgagtt	420
tctt						424

<210> 514
 <211> 310
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(310)
 <223> n = A,T,C or G

<400> 514						
gactgaggta	caccaggggt	tggaaaacca	cactaggcaa	agaacttgca	tcaagatcag	60
gcctgaagta	cgtaaacgtg	ggagatctag	ctcgagaagg	gcanttatac	gacagctacg	120
atganganta	tngntgnccc	atnctaaana	aggataggga	tgcacnatna	gttngancat	180
ctcctgcagg	atnggcggga	ttgnttgtn	attaccacg	gagtganact	tcttnnccna	240
ncgctgggnc	tatntantgg	tnagcagtca	gtgancagat	gatggtgtat	tgtataacac	300
gacttgctac						310

<210> 515
 <211> 353
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(353)
 <223> n = A,T,C or G

<400> 515						
gactgaggga	aagtcacgga	ggcttcagga	tcttcttccc	agtctcaaga	cagtgggtgga	60
gtccacaggg	aaacggaaga	tcactgnncc	gaccatgggg	ancacggaan	atnaagggaa	120
ngccentgag	cnatatanna	nagacaagtc	ttcctcttca	tcctcatnct	cntcatcttc	180
ttcctcctct	tcctcctcat	cttcttcctc	ctcctcagac	agcagcnatg	aggaccagcc	240
ctccnnaggt	cccagganac	acanaaggag	gcccncaggg	gacagcttgc	gtggtgccga	300
ccatggggaa	ctggaagtgc	taaaggacga	gcttcagctc	tgcggagggtg	gtg	353

<210> 516
 <211> 535
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(535)
 <223> n = A,T,C or G

<400> 516						
actgaggatc	cttccttgat	gacctcgagt	ctatggagga	gtccatgtct	cggagcctgg	60
gcaagcctgc	cnagtcctcg	aagcagnacc	tgctggcagn	tcctcctcgn	aatatgaggc	120
gctggatcgg	gagcttccgt	gtatcacnaa	aattctcana	accnccctct	gcccancccc	180
tctgcctttg	catggagact	taggaagact	ttacacacgt	ggaggcgtg	caggctttgg	240
aggctganct	gnccggngnc	atggaaagcg	ggcgcggtta	cagtattcgc	tacganaata	300
tgaatgtcat	ctgnggnact	gcggggccgna	gggacaggng	gctnatcacc	gtcacagact	360
tccagacgcg	gtcacgcctg	ctgcgctccg	ggctcaccct	ccgtggaacc	gngtacccac	420
tggtgcgccca	cgacgattta	ctgctggggg	actaccgttt	gcacctgcgc	cgctctntgg	480

nncnaaaggc gcatgctcga agccctcggg gnggagcctg ccgacgaaga ttgac

535

<210> 517
<211> 353
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 517
gactgagact cccttaggtg ctaatcattt aactgcaagc atgagtggat taagtctgca 60
tccagaggga ctaagagttg tcaatcttct tcaagaaagg aacatgcttc ctccacacc 120
actgcagcct ccagtcccaa atctgcttga agacatccag aaactcaact gtaaccaga 180
gttggtccga tgcacgctga cgagtgtccc tcagactcag gccttactga ataaagccaa 240
gcttcctctg gggctgctgc tccaccctt caaggaccta gtgcagtngc ccgtggncac 300
ctccancaca nttgggagan gccgtnatg caggacttac attaaccctt tcg 353

<210> 518
<211> 348
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

<400> 518
tctgagcctt ctggccgggg ctccccgggn cctcgtctgt ggtgatgact ataccaaccg 60
gactggtgct gtgtacctgt gtcccctcac ggcccacaag gacgactgtg aacggatgga 120
catttcagag aaaagtgaga cgagcctgag ggcagagcta agtcgggagc ctggcagagg 180
gggcccacaa gggagatacg aggttagctt gttagggagg caacatttga agctaagggg 240
aaaagacagc gagatcaagg ctagatctac tatgggctac atagtgggtt gcagaatagc 300
ttgagatgta aaatggagat cctggctcaa aaagcaaac aaaacaaa 348

<210> 519
<211> 365
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

<400> 519
gactgagatt tgccgagagg ctgagttctc tataggaaca cccacatttg tatggatgag 60
tggggaaaga tagctgcagc agacaaggaa aaagcgtcct gacctccga gaacatgagt 120
atgctaaaac ccagcggcct gaaggcccct accaagatcc ttaagccggg aagcacagcc 180
ttgaagacgc ctgctgctgc tgcagatcca gnggagaaga caatacccag tgagaaagcc 240
tcggggccctc catcctctna gaangntgat gaaaatgata aattttntc tggagtagaa 300
naaantggga gtgatgagcc agccttcgtg tattacatga atgatggtgt ttatggttct 360
tttgc 365

<210> 520
<211> 165
<212> DNA
<213> Mus musculus

<400> 520

gaggacctga accaggcccc ccaaccccaa gcagatgagg ggccctccagg ccgctccatc	60
gggggggatct caccacaacct ggggtgccttg gacttgctag gcccagccac tggctgtctg	120
ctggacgatg gactggaggg cctgttttgag gacatcgata cctcc	165

<210> 521
 <211> 230
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

ctgggagtgt ggcaggaaga agagctactg natgcatggc tacattaggg nnngaaaatg	60
agttgngtna aactaagac caggggtgcct ttengaagga agatcttnaa ctaaatatga	120
atgagggnnn naantttttt tgtaattata aatgggagaa naaaatttat gaaatgtntg	180
tcatnagcac attgattata aatgtctttc tgtnggaaaa aaaaccattg	230

<210> 522
 <211> 218
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(218)
 <223> n = A,T,C or G

ggtgcaagcg tctcctgatg aaatgtattg tgccccactg ggctccaaag gcagnatctg	60
gcgctgttga tgcccttggt ggaactttcc agagtcctaa gccccccatg ctgtaaatag	120
tctggtcgtc agagtaggga ggagcccggg cttctgttta tgtatgtatt tatttattta	180
ttatttattt attacaccta ataataaaaa ggtgctca	218

<210> 523
 <211> 427
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

gactgagctc ggattgggaa aatgaacgga ggaagcaaga tgaagggcag ntntgtntccc	60
tgtgcatccg tcccctggca ggatcgganc aggagatnan tanncatgtg nagcactgcc	120
tggctaagag ggaaggctcc tgcattggctn aagatgatgc tgtggacatn gagcatgcgg	180
acagcanccg ctttgaggaa tatgagtggg gtgggengaa gcgnatacgg gccnccacac	240
tcctggaagg tgnnttccca ggtataaagc nnntganaac ttgggtgggtg gnactcnggn	300
naccaggcca cttctgggan cnggacannn tttccaccac gngggagctc ttgctcgtgg	360
ggctcctttg ngaccgngct gcccgccctgt gatgtgcata ttaaagnngn tgtatttggg	420
tggggaa	427

<210> 524
 <211> 452
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(452)
 <223> n = A,T,C or G

<400> 524
 gaactgaggg atagcgtggc ccagtcgtct tctttgtgga ctatgcagtc taactgctta 60
 tatatggaag aaatcgaaga ctcggtgact gtccgggatt atatccaatc cactatggag 120
 actgaaangg acccccagng cctcttggac ctggccagga ggatggngcn ggttcttggc 180
 cggaatgcac gancaagacc tcattcacgg ggacctcacc acctccaaca tgctcctgag 240
 gcggcccctg gcgcagctgc acatcgtgct catcgacttt gggctgagct ttgtctcagg 300
 actgccggaa gataaaggcg tcgacctcta tgccttgag aaggccttcc tcagcacgca 360
 cccccacacc gagaccgagt ttgaagcctt tctgaagagt tacggggcct cgtccaagaa 420
 gtccagtgca gngctgaaga agttagatga gg 452

<210> 525
 <211> 466
 <212> DNA
 <213> Mus musculus

<400> 525
 actgaggtcc cttaggagga accccttgag ctcccgggtct aaaacacgtt atcgccagtg 60
 tgagggctaa atggtgtgat aacacccaag agccaggaaa tggcaacagc cttggagcca 120
 gaggaccaag atctttggga agaagaagga gttctgatgg tgaaactgga ggatgatttc 180
 acgtgcgggc cagaatccgc cttggagggc gatgatcctg tactggagac ctctcaccag 240
 aacttccgac gctttcgata ccaggaagca tcaagccctc gagaagctct catcagactt 300
 cgagagcttt gtcacagtg gctgaggcca gagaggagaa ctaaggagca gattcttgag 360
 ctgctcgtgt tggagcagtt cctcactgtc ctgcctggag aactgcagag ctgggtgcga 420
 ggccagcggc ccgagagtgg cgaggaggca gtgacgctgg tggagg 466

<210> 526
 <211> 162
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 526
 tgcaccatac atccgagagt ttccaggacc ctccganatg ctcaactccta nancaagagc 60
 agaaacccgg gaagaacgca tggagagaaa gagacgggaa aaaannggcg gcgacagcag 120
 gaagtggaga cagagctgaa aangtgggac cctcacaatg at 162

<210> 527
 <211> 380
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(380)
 <223> n = A,T,C or G

<400> 527
 gactgagttt gtgaagtgtg gatatgcagg ctctaatttt ccagaacaca tcttcccagc 60
 tttgggttga agacctatta tcagatcanc caccaaagtg ggaaacattg aaatcaagga 120
 ccttatgggtt ggtgatgagg caagtganct gcgttccatg ttggaagtga actaccccat 180
 ggagaatggc atctgtgcgg aattgggatg acatgaagca cctgtgggac tacacatttg 240
 gaccagagaa actcaatata gacnccagaa gctgnaagan ttacttaca gaacctccca 300
 tgaatccaac caaaaacaga gaaaagattg tnnaggaatg gttgaaactt accanntttt 360
 tgggggtgtt gaacccttca 380

<210> 528

<211> 314
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(314)
 <223> n = A,T,C or G

<400> 528
 gctaaacctc taaatgtggn cgcacatnct caattaaang gttanngttt nttnnatann 60
 tgncccttggg cagttactat gagctacagg ntctgcctca tctagtcctc cgcatacagc 120
 ggggagggtg agacttgggg atgcgcccac ctcaggccca tgcataacca gatgggctct 180
 cacatgacca ttacacacac tgatgggtgac actgtatcag aaagccactc agctttgcct 240
 ttttaactaaa tctggacctg cttgccacaa ctatgtaacg naagcctcta actactaatt 300
 tctgaagaga agct 314

<210> 529
 <211> 315
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(315)
 <223> n = A,T,C or G

<400> 529
 actgagagaa gaatggaggg cagtggaaag ctgcgatggt agaggatgct gtggagtacc 60
 atctcttcct gataccagat aaagccagag gcacagaaga gcacagagag attcttcaga 120
 agtacatttg aacggataat gacccagttt gnacccatac tgggancctt tataatctggc 180
 agaatcagcc tttcaatctc aaatacaagc ctgcaaaagg gaggtgttcc tgctcatatg 240
 tacggnatga caaagttttg gagataacat tgaggatgaa tgggcntatt gtttatgtaa 300
 taaaggcaga ttaca 315

<210> 530
 <211> 278
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(278)
 <223> n = A,T,C or G

<400> 530
 gactgagatg ctgtcacatc tggagctgac tcttcaggca tccaancaaa atggcacgga 60
 gacccaggag gtgttccttg tcctcgtttc gaacaaaaat gtcttcgtga agttccaggc 120
 cccggaaatn ccattgcact tggcctacga ctccagcctg gtcactcttc aaggacagcc 180
 aanagtnaac atcacagtgc taccatccct tacctccagg aaacagatcc tcgactgggc 240
 agccaccaag ggcgccatca cctcgatagc agcactgg 278

<210> 531
 <211> 409
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 531

gactgaggtc	caagcatgga	aagtcataaa	ccangnacta	gcaaagatga	tttaataactt	60
aatatcatat	ccagaaaaat	taaacaactt	ccagantcag	acaggaatct	gcttgaatat	120
ggatcancat	atatnggact	taatgctgct	tttggggggcc	taataccana	cagtctatatt	180
cggcgaatct	tgaacgngac	acaagctcga	ttagcttcta	gcttaccaat	ggctgtgatc	240
ccatttttga	cagcaaaccct	gtcctaccaa	agtcttgtaa	gtttaccttt	gagtacaggt	300
gatttgaact	gtgaaacctg	taccacaaca	cgggggtgcac	tagttgggtt	ggttatgggt	360
ggtctgtacc	ctatcctttn	ggctataccc	gnnaatgggg	gccttgctg		409

<210> 532
 <211> 489
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(489)
 <223> n = A,T,C or G

<400> 532						
gaactgagtg	cccaagatgt	atgcagtggtg	atgccaagtt	tgacttcatc	accagaaagc	60
atcactgccg	ccgctgtggg	aagtgccttct	gcgacagggtg	ctgcagccag	aaggtgccac	120
ttcggcgcat	gtgcttcgtg	gacccagtg	gccagtggtg	tgactgtgcc	ctgggtgtccc	180
accgagaggc	ggagttttat	gacaagcagc	tgaagggtgct	cctaagtggg	gctaccttcc	240
ttgttacttt	tggggactca	gagaagcccg	agaccatggt	ttgtcgtctt	tccaacaacc	300
agaggtgctt	ggttctggat	ggggacagtc	atcgtgaaat	cgagattgca	catgtctgta	360
ctgttcagat	tctcacagaa	ggcttcactc	ctggagcagg	cancacccga	gccantggca	420
tgctcctgca	gnacacagtg	ccagggggcag	aggctgcagc	acagctgang	ctgatggccc	480
ggagaggac						489

<210> 533
 <211> 292
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(292)
 <223> n = A,T,C or G

<400> 533						
gactgaggct	gactcatgcc	gatctggctg	aagcctggct	gntcctgcta	ggtcgctcgtg	60
ccactactac	tgctatcccg	acgctactga	actggactgc	tagtatattc	atgaagtgtt	120
ttcaagtgga	tccagctgcc	gntactgacc	agtgaactga	actgctgatt	tcctgacaac	180
acagatgaga	tttgctccaa	agaaccattt	ctaaacaggg	ccacnncctc	catatcctaa	240
tagcctttct	tttctacctt	tggnggggtg	tgctctataa	gggaggggtaa	ac	292

<210> 534
 <211> 147
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(147)
 <223> n = A,T,C or G

<400> 534						
gggagacctt	ctggtagttc	tggttctgggn	cccttancca	gagttccacc	agccacaccg	60
gtggntcgaa	tgtntgagca	gagnaacctg	aactccgagc	ctgaggagga	ggaaggaggc	120
ctggaagatg	aagatggaga	tgatgat				147

<210> 535
 <211> 487

<212> DNA
<213> Mus musculus

<400> 535
gaactgagag ggttcccctt gcaagcatat ccaggcggcc cttgtccac cattgcataa 60
tataagctac atcgtggata tgatctaggt cctcggagt tctgttctca tgctctggac 120
cagactgaga atagaaagga gcctggctat ctgagagatc ctgtcctgca actggctgtt 180
ctggggctag aggatgtgga cgtgaccatg gactacactg gtatatattt ggtagaggac 240
agctctgctg aaaaatattc tactgtgcac aagaactctc aaaagaaagt tatctggggc 300
tggaacattg gcagctaaga gcaactgactg ttcttcggag gtcctgagtt caattcccag 360
caaccacatg gtggttcaca accatccgta atgggatctg atgccctctt ctgggtgtgtc 420
tgaagacagc aacagtgcac tcacatgtat atgtaaaata aataaataca tctttaaaac 480
aaacaaa 487

<210> 536
<211> 132
<212> DNA
<213> Mus musculus

<400> 536
gactgaggtg tgcgccttga ccgagttcga ggaggccgcc agaagtacaa gcgacggctg 60
gattcggaga acagccccta cctgaacctg ccgatttccc cacctgctaa aaagccattg 120
aaaataaaaa aa 132

<210> 537
<211> 486
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(486)
<223> n = A,T,C or G

<400> 537
gactgagcct agtcattgtt ggctacgagc aatggtaata caattatcac tcagcttgac 60
tactcttctg gacaagttct caaatatttc tgaaggcttg agtaattact ccatcataga 120
caaacttggg aaaatagtgg atgacctcgt gttatgcatg gaagaaaacg caccgaagaa 180
tataaaagaa tctccgaaga ggccagaaac tagatccttt actcctgaag aattcttttag 240
tattttcaat agatccattg atgcctttta ggactttatg gtggcatctg acactagtga 300
ctgtgtgtct tcttcaacat taggtcccga gaaagggaag gcantcaagg nntcnntgga 360
ntactgnna cagtgagatg gaacnntnnt anncttnccc tgetggatga ncngaattgtg 420
tngctannga aagaantngn gggactttnt gctacaaagg tctncgcngg ctcgggactg 480
tcctta 486

<210> 538
<211> 174
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(174)
<223> n = A,T,C or G

<400> 538
gactccacag gaggcctaca nacagngggc tantccagcc acgctctang aaccatnaca 60
aaccntnct ctttataaga aattggctca ngcattaccg atgaaaagct gtgtaacaca 120
ggctttgagg cataaaaccg atttctatta aatgtagaaa caaaatgaaa aaaa 174

<210> 539
<211> 339
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(339)

<223> n = A,T,C or G

<400> 539

gactgaggtg	acagtacaga	naagtaccac	aaacgttatc	caggcanctg	actgacatgg	60
tgagacagct	tgtagacgat	gtcaagagcc	ttnaaacgca	nagacccaac	ttgngatctg	120
gacaggacaa	tgacacaaggc	accccaccca	cggctgggna	gatggctcag	cgattannan	180
cactaactgc	tnttctgaag	gtcctgagtt	caaattccaa	caaccacatg	gtagttcaca	240
accattccta	atganatcag	atgcactctt	ctgggtgtgc	tgaagacagc	tacaatgtat	300
tcacatatata	taaataaata	aatcttttaa	aaaataaaa			339

<210> 540

<211> 531

<212> DNA

<213> Mus musculus

<400> 540

gactgaggtt	ttaatgtgga	aacagtagaa	tataagaaca	tttgttttcac	agtatgggat	60
gttggtgtgc	aagataaaat	taggcctctc	tggaggcatt	acttccagaa	taccaggggt	120
ctcatttttg	tggtagatag	caatgatcgt	gaaagaatcc	aggaaggagc	agctgtgctg	180
cagaaaatgc	ttctggaaga	tgagctgcag	gatgcagtgc	tgctcctttt	tgcaaacaaa	240
caggatctgc	caaacgctat	ggccatcagt	gagatgacag	acaagctagg	tctgcagtct	300
ctccgaaaca	gaacatggta	tgtccaagcc	acttgtgcta	cacaaggaac	tgggtctgtat	360
gagggactgg	attggctgtc	aaatgaactt	tcaaaacggt	aaatgaagct	ggatatctaa	420
ccaaggacat	gtttgataga	attggctctag	gcttggttaca	acaaaattag	tttgcattctt	480
ggttattaaa	ggatatctga	gacaggtttg	ggcagaaatt	acagcgttta	a	531

<210> 541

<211> 158

<212> DNA

<213> Mus musculus

<400> 541

gactgagtta	tatccgactt	tatgggagaa	aatttagcaa	agaagatcat	gttctttttta	60
ttaagttact	gtatgagctg	gtatcaattc	caaaactaga	aatcagcatg	atgcagggat	120
ttgcccgtct	cttgatcaac	ttgttaaaaa	aaaaggaa			158

<210> 542

<211> 398

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(398)

<223> n = A,T,C or G

<400> 542

cctcctgggc	tgggggttcgc	tgctcatcat	gctcaagtcc	gagggctttt	actcctacct	60
gtgtacgaag	ccaggtgana	tgggcgcctn	nntcgggngc	aggtttcttg	agtggntctt	120
tgggagaggg	ctgctnggtg	gtgaanacgt	aanccagnta	tgcttgcttg	ctgaacagtg	180
cctctangtg	ccnnanngnc	cattntgatc	ctnancngc	tatctgtgtg	cntnnnatna	240
tcatngtccc	tgtttggggn	tggngaaact	gaggtctggga	ccantcttcc	nttntgcccc	300
ngctgtgaga	ctaatagact	aatagactcc	tgcgtgcngn	cangaacgtt	gntggccttn	360
tgntcttcca	gggcctgcan	cattgcttgc	cttgcaaa			398

<210> 543

<211> 228

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(228)

<223> n = A,T,C or G

<400> 543

ctcacagcca	cccatagacc	anttncaatg	agaggcatct	gacccagcag	gaaacgaggc	60
ctgctnaaca	gagccttgga	tatggacgat	anggattaca	gtgaggcccg	atggcctgtc	120
ngataagnac	cacccccagt	aaggcccagn	aagtcncctc	nagaagaatt	gccaangaan	180
gtttcaanna	gtagcentat	gccngngtca	cccttgcttc	gaaggctt		228

<210> 544

<211> 253

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(253)

<223> n = A,T,C or G

<400> 544

gactgagatt	ttcagaatga	tcaactagnt	gaaatatctc	cattgggtac	tgaggaagtc	60
tcagcagtta	gccaagcgtg	gtttacaact	aaagaagata	aggattctct	cactaacaaa	120
ggacataaat	ggaagcaggg	gatgtggtcc	aaggaagaaa	ttgatatttt	aatgaacaac	180
atcgagcgct	atctgaaggc	tcgcggaata	aaagatgcta	cagaaatcat	ctttgagatg	240
tcaaaaaaaaa	aaa					253

<210> 545

<211> 371

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(371)

<223> n = A,T,C or G

<400> 545

gactgagact	aaaatgtcaa	aaagaaaatg	gctctgttag	cccaacagtt	acccagacgg	60
ttcaactcag	ttaagttgac	tagcttcatt	aaagccaaac	aagtcaccaa	acgctctgca	120
agagcaggaa	aagccgtggt	gcccggcttc	tcagctcagc	ctctgctctc	ctctgacacg	180
agctttctcc	ggcggggaat	taagacttac	aggactttgt	tctggaatcg	tttccattct	240
gccagcacia	ataggacaaa	gagttctgcc	cgaaagcact	ctgcttcctt	cagnggntga	300
acagcaggga	gaggatnctt	agtcttgaat	canagcttgc	cttttggaag	aagnggacga	360
cctgcctcca	t					371

<210> 546

<211> 434

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(434)

<223> n = A,T,C or G

<400> 546

ctgaggcaca	acccggtctc	ccagaanagg	agaagtgcct	ggcgtggatt	acagctttct	60
gactgtgaag	gagttcttgg	acctcgagca	gagcgggacc	ctggttggag	tcggcaccta	120
tgaaggaaac	tattatggga	cacccaaacc	tcccagccag	ccagtcagtg	ggaaagtgat	180

cacgacggat	gccttgcaca	gcctgcagtc	tggtccaaa	cagtcgaccc	ctaagcgaac	240
aaagtcctac	aatgatatgc	aaaatgctgg	catagtccac	ccggagaatg	aggaggagga	300
ggatgtccct	gaaatgaaca	gtannnttta	cagccgactn	tgagagaccag	gacgagccac	360
ntctccaaga	agcaccgcnt	cccacctgtg	aatagtagca	tcctcgcttg	ntcccatcac	420
gggacccttt	ttaa					434

<210> 547
 <211> 221
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(221)
 <223> n = A,T,C or G

<400> 547						
atggatacta	caatgggtgaa	tttgtggact	ctgtttgagc	agcttgtgcg	ccggatggag	60
attatcaatg	aaggaaatga	aagcattgaa	ttcatccagg	ttgngaagga	cttcgaggac	120
ttccnaaaga	agtatcaaan	gacccaacca	ggagctggag	aaattnaaag	acctattgtt	180
gaangcagag	actgngctgg	aaccgccttg	gacgttaaag	c		221

<210> 548
 <211> 337
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 548						
gatgacgtcc	atatcttntc	gnaagagagg	gaatcagaag	gtacttnngg	gagaatagtg	60
atgcagcttt	ncaccntcac	ngcaatgaga	ggattctgag	gccttctgag	nggaatcaga	120
gataccttgc	caagtaatat	gtaccagaaa	aatggcttac	atcatgggaa	atacgcagtg	180
aagaaatcac	ggnnaactga	tgtggaagac	cttactccaa	accctaaaaa	actacttcag	240
attggtaatg	agctgcgcaa	gctgaataag	gtgatcagtg	acctgactcc	agttagttag	300
cttcccttaa	cagcaaggcc	aaggtcaaaa	aaaaaaa			337

<210> 549
 <211> 173
 <212> DNA
 <213> Mus musculus

<400> 549						
gactgagagc	tctgcacatc	gagagactta	aaaccacctg	agatcatcag	acaagtcaca	60
tacatgggac	tttttgaatt	attgccattt	tgtattttta	tcatgttatg	tgtaaaagac	120
agtgcctatt	ctgtgtttta	ctgaatcaaa	ttgacaatgt	cagaaaaaaa	aaa	173

<210> 550
 <211> 164
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(164)
 <223> n = A,T,C or G

<400> 550						
atcttctctg	tccagcctct	tgaatggaat	gctgtacata	gactccagac	cagctcagct	60
acttctctct	atgctcttga	cacaaatgaa	cactgaccac	aaatttctat	ttgtacaatc	120

tgtggatgtn ccaaaataaa ggaattggag ctgaaaaaaa aaaa

164

<210> 551
<211> 105
<212> DNA
<213> Mus musculus

<400> 551
ttttttccac tattattgca tgcagattaa aacgttaaga gcttttcttt ccccttaaaa 60
attctgaatt atgaaaataa acatttcaaa tttcaaaaaa aaaaa 105

<210> 552
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 552
cacagactga gttttaagga cttcctgagc tgttntgagt tgttnactta tggatcttca 60
ctgcaagatg gactgttcca atctcagagg aactcttcca gaaacctgta tagactactt 120
tggccttgaa ctccctacagg tggncctgcc tttgcttcct agnggctggg attaaaggtg 180
tgtatcacca aagagaaaaa aca 203

<210> 553
<211> 407
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 553
atactgattc tctgatttcc cagtaatgcc actcagttgc caatatcaag caagcgcata 60
taagacactt gtaatctttt aagaaaagta gtacttctct tcacagtatc tggcggatca 120
acactggagg gtgaggtgtc agcttccaga aagatcatca tgaagttata tgtgtttctg 180
gttaacaccg gaaccacgct gacatttgac actgagctaa ctgtgcaaac tgtggctgat 240
nttaagcatg ccattcaaag caaatacaag attgctattc agcaccaggt tctggtggtc 300
aatggaggag aatgcatggc tgcagatcga agagtgtgta cttacagcgc tgggacggac 360
acaaatccaa tttttctttt taataacaga aatgatctta ttgaaag 407

<210> 554
<211> 179
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

<400> 554
gactgagata aaatcaaaga caaaattaaa gagaaagaca aagagagaag aagaaaaaga 60
agcatggngg tnatgannng agatcaagaa agaaaatgga gatgtaaaga ttttactgaa 120
aagtgggaag gagaaaccaa aaacaaatat agaagactta caaattaaaa aagtaaaaa 179

<210> 555
<211> 219

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 555
cggttgaaaca tgcccgtcct tcaccanact gagcttccac agcgcggtgg ttggtacagg 60
actctccgtg agactgatgc tctatacaca ngagaaacng ctgtcttcan ancaaacaca 120
aaciaangan agttttcttt ccttcctatt ggcgcaatcc atacttattn caggaaattc 180
cttaagacgt ntagatgtaa aatacaaaac tgtgcacaa 219

<210> 556
<211> 750
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

<400> 556
gcttacagggt ggtgcagaaa gaagtctggt cacaactggc tacagtgaac gagctgggta 60
ccccaaggac atcttaccag ttccagccaa agatctgatc tacgtacacc tgcgtcatgc 120
tgagaccctc aagcctcact aaaaggggtcc ctgcctagtt ctgtttacta atctgcctta 180
ttctgttggt gttcccatgt taaagataga gtaaatgcag tattctccac atagagatat 240
agactttctga aattctaaga ttagaattac ttacaagaag aagtggggaa tgaagaatga 300
aaaattactg gcctcttggt agaacatgaa ctttcacctc ggagcccacc ccctcccatc 360
tgaaaaacat acttgagaaa aaacattttc tggaacaacc acagaatgtt tcaacaggcc 420
agatgtattg ccaaacacag gatatgactc tttgggtgag taaatttggt gttgttaaac 480
ttnccttatt cccttcccat tcccccttcc agtttgnggg ntttttcctt taaaaagctt 540
ggggaaaaat ttttaagtcc gtcgtcgaga ctccctctacc ctgtgcttaa aggggtattg 600
aagtttcgac ccccanagct nttggngctgn ggnggctttc atgggttggt ggntttatct 660
tcaaaccccc aanaactttt gggccnnggg gggcttttaa tgnttgccta nctttaatta 720
aatcttacc cttttacaat ttttaaaaaa 750

<210> 557
<211> 218
<212> DNA
<213> Mus musculus

<400> 557
agtcattgcag gaaaacctca gcatttgctt catcaggaga tgacgttaaa atatgggatg 60
cttcgttcct gacattgggt gataaattca accctcacac gtcaccgcat ggaatcagtt 120
caatctgttg gagcagcaat agtatccttt aaaaaaaagt aatcactttt tgttagtttt 180
caatgatctg tgcaactggt ggcccataaa aaaaaata 218

<210> 558
<211> 223
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 558
gactgagggt cccttacant cccttaaaaa tccattctcc cttccttgct ccttgcagca 60
gtaacatgta tgagtaccat gcaccaactg atcgtgccat tggagctcct taaacagtaa 120

tcacaaccaa gctaggggaa catttgtatc cgataaaggg gtgggagtgc aggttttagg	180
cactcctttg ggagaacaaa gaaattaatg taaataaaaa aaa	223

<210> 559
 <211> 222
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(222)
 <223> n = A,T,C or G

<400> 559	
aattgtctct tgagttccac tgggaatgcc cagtctgggg ctgtgagaaa cactgtatca	60
aagagatccc ggctcagcac ctgagacaca ggcatgaggc ctgcaatggg acagagcaac	120
cggaaactcct aaagactgtc ttccaaagtt gtgctggggc ttttgngggg aggaacatga	180
ctgtgtcatg gggaaaatgc atacatctgt ttttacttaa ca	222

<210> 560
 <211> 380
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(380)
 <223> n = A,T,C or G

<400> 560	
actgaggtag cccagagctc gagagctggc ttcctgacca tcagacaagc ttcgccaaaa	60
gtcttcacct aagcaaacag gagaaagaag ggnttctntg tgnnnccccg nctgtntctg	120
ntctgactct gtacgaccgn cacaccnagc tggccttgaa cttaanagan ctgcctgcct	180
ctgtntctgac tgctggnatg gaagggatgt gccactactg agagcttggt ttagtgctta	240
cancttgctn tgctgctaag ccagatgccc tgagtgtgat nctctagaat gacaaggtgn	300
gagagaacca attccccann ttatcctcac acccacacat gagntgcgnc aagtgtctcc	360
acctctgaca ataaaaaaaa	380

<210> 561
 <211> 149
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(149)
 <223> n = A,T,C or G

<400> 561	
aggactgagg taaaatcaaa gacaaaatta aagcagnana gcacaaanag tagaagaaga	60
aaaagatgca taangtaatg antngagatc aagaaagaaa atggagatgt aaagatttta	120
ctgaaaagtg ggaaggagaa accaaaaaac	149

<210> 562
 <211> 126
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(126)
 <223> n = A,T,C or G

<400> 562
gtctcgggct ggtgagtang gctcagtggg taagagcann cgactgctnt tccgaaggtn 60
cgaagttcan ntcccagcaa ncacatggct ggcgtcacia centccgtnn cgagatctga 120
cgccct 126

<210> 563
<211> 134
<212> DNA
<213> Mus musculus

<400> 563
atggattttc ctgtaaactg caagataacc gggacaccag tctcactcaa tccttttttg 60
cggaacccc ttctcccta ttaatgcatg ataatgaata ataataataa gaatttcac 120
tctaaaaaaaaaaaa 134

<210> 564
<211> 424
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 564
aactgagcct atcctctact cctattttccg aagctcctgt tcatggagag ttcgaattgc 60
tctggcggtta aaaggcattg actatgagat agtgcccatc ancctcataa aggatggcgg 120
gcaacagttc actgaggaat ttcagaccct gaaccccatg aagcaagtgc cagcgctgaa 180
aattgatgga atcaccattg tccagtcact gancatagnn ctngaccgng ganaaaactc 240
tgactnnngng ncccgtttct nccttaganna cctaacttac gagcnatcnn gcgcatgann 300
gntnanctcn tnnctggtgg anngcagncc cttngaaacc tgtctgtcct gaagcaagtg 360
gcacaggaga accagatgca atgggcccac anggtattac ttccggnttt aacgctctgg 420
aaaa 424

<210> 565
<211> 341
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(341)
<223> n = A,T,C or G

<400> 565
tttcagctca gttacttatg gcttccccta aaattgcttc cctctcttgg ggacaaatga 60
aagtgcagg ctctacntta acctataagg attgcaaagt atggccagga ggcagtcggg 120
cttgggactg gagggaaaca ggaaccgagc attctcctgg agagcagcca gcagatgnaa 180
aggaagttgc tgagaaagggt gtacagactc ttgtgattgg cagaggaatg agngaggcct 240
tgaagggtgcc tccgtcgatt gtggagtacc tggaanaaca aggcattgat gtgcgcngtc 300
ctccaaacag aagcaggccg ngaangagta taatgccttg g 341

<210> 566
<211> 439
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 566
caccacagac ttccaggaga gctttgtcac gtcagggtgtg ttcagtgtca cggagctgat 60
ccaagtgtct cggacacctg tgggtgaccgg aaccggaccc aacttctcac tggggagagc 120
tgcaggggtca cctggcatat gacctgaacc cggccagcgc cggcatgaga aggactctac 180
ccagcacctc ctccagtggg agcaagcggc acaagtcggg ctcgatggaa gaggacgtgg 240
acacgagccc cggcggggac tactacacgt cggccaactc acccagcagt agcagccgca 300
actggacgga agacatagaa ggaggcatct catccccggg tgaanaagac agagatggac 360
aaantctcca ttnnacagcc cgtcccccca ggactcccc nggttntcca gcttnacaca 420
acaccacagg ccggtcatt 439

<210> 567
<211> 469
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(469)
<223> n = A,T,C or G

<400> 567
actgagcctc ctggtgcaag ctatatattaa tgggtgatcca gatgaagtcc gagcactaat 60
atttaagaaa gaagatgtta nctttcagga caatgagaag agaaccctt tgcattgctgc 120
tgcctatctt ggtgacgcag aaatcattga gctgcttatt ttatctagga gctagagtta 180
atgccaaaga cagcaaattg gttgacacct ttacacagag cagtttncat cgtgtagtga 240
ggaagcagtt cagatacttt tgaagcattc tgcagatgtt aatgctcgag ataaaaattg 300
gcagaccctt ttacacatag ctgctgctaa taaagctgta aagcgccgct gaattcttgg 360
tacctctttc tgagcaatgt ggaacgtgtc ccgaccgagc anggaagaac tgnattacat 420
catgnagctt ttcagtgggc atggggcgana tgggcaaact actcttgtc 469

<210> 568
<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 568
gtcttctagt aagaacaaag nctgangacn tgatctctca gctgcacnct aacctcttgg 60
gctccatgct gacctgtaaa gctgccatga agacantgat tcagcaggga gggctctattg 120
ttaatggggg aagtattatn ggtnagaaag gcacccgngg gccaaactctg catacagtgc 180
caccaaagga ggactcgttg gnttntcacg ctcggttgct aaagagggtg cncggaagaa 240
aatgccngtg antgtgntgn caccaggatt tattcgcacg gatatgacnn tgacactgga 300
aggaaganca ctncnngana aacattcctc ttggggagggt nngagaaact cntgagggan 360
cacatgccgt tgcgtttttt tttag 385

<210> 569
<211> 303
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 569
gactgaggtg gggctctttcn cccaagagga ggaagaagag aacctacggc atgacaagcc 60
cccctacacc tacttgacca tgatcgccct ggtaattcag gccgcaccct tccgcaggct 120
gaaactggct cagattatcc gtcagggtcca ggcagtgttc cccttcttca gggacgacta 180

tgagggctgg	aaggactcca	tccgccacaa	cctttcctnt	aatnggtgct	tncataaggg	240
gccaaggac	cctgcaaagc	cccaggccaa	gggcaacttt	ttggncgggg	gatgggagcc	300
tga						303

<210> 570
 <211> 532
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(532)
 <223> n = A,T,C or G

<400> 570						
gactgagatg	gtggctcgct	gattttctccg	atccctaate	cgggtcacag	aatgggttaa	60
gcagctttta	gtanagagtg	gattattttc	ccctcagttt	gtctttctgt	tgcggctctg	120
aaagaatgtt	gtgggcgctc	tttttccttg	tgactactat	tcacgctgaa	ctctgccatc	180
cagatgcaga	aatgcctttt	aaagtaagac	ttagcatcag	agcagctctt	ggagataaag	240
catatgtctg	ggacacggat	caagaatacc	tcttcagagc	aatggnggca	ttctccatga	300
gaaaagtccc	caacagagaa	gcaacagaaa	tttcccattg	cctgctttgc	aacataaccc	360
agaggggtgc	gttctgggtt	gtggtcacgg	acccttccaa	caattatact	cttctgcag	420
ctgaagtaca	gncggccata	agaaagaata	ggaaccggat	caacagngca	ttttttctgg	480
angacntac	tctggaattt	ttaaaaannc	cttntactct	tgtccccccc	ga	532

<210> 571
 <211> 256
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(256)
 <223> n = A,T,C or G

<400> 571						
tattttacttc	ttgtggacct	ctcacagatc	angcngnnaa	ggngnatagn	gccttgnttg	60
cccaaggggt	natggaagga	ggtgtentcc	attccacctg	ctgangggcg	ctacagagga	120
gaataattca	gaccncncag	ncnnggggtg	ctaccagtcc	ttggcctcag	ttcctgcctc	180
cagattttctg	ccttgagggg	gctaccctga	cttccctgga	tgatgaacta	caagntgtaa	240
gataaaataa	accctt					256

<210> 572
 <211> 240
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(240)
 <223> n = A,T,C or G

<400> 572						
actgaggtct	cctgctcacc	agntgncttg	acagtttttc	ttgcaacatt	ggccattggt	60
tttcaactgcc	ttcaaaagat	canaattact	ccagaaattg	gagagttgga	tttaaaagaa	120
aaaacttgaa	caaattggaca	atatgtctat	aacaaataca	ccancaagta	acgatgcctg	180
tctgagcatt	gtacatagtt	tgatgtgcca	tangacaagg	tgggggaaagt	gaaacctttg	240

<210> 573
 <211> 350
 <212> DNA
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 573
aatgggatac gacacgggnc ttacacagcc tctcggaaac atatctatat tgatanaaat      60
acngaagatt atnttgcnca gggtttcaca aggcaaacag ggtacctttc acagccagna      120
nggcttttgg agtncggcac caaactcgtg gnaggaaacca cttccngggg aaggggtggc      180
caagaagcac ctgggcttgc ccgntcttta ataccggtga agggaggccc aaaagangaa      240
aacagggagc naacgggttt ctggcattna tggcccctcc tccttttgct ggngctgnc      300
attaantgaa ncannccgcn ncggaanatt cccttagggg tggggggcat      350

<210> 574
<211> 523
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(523)
<223> n = A,T,C or G

<400> 574
catgaacgtg ctggagccag tgtgggttcaa ctcacctgga atctgagcac tcaggagtct      60
gaggcaagat tgccaagagt tcaaggccac cctcagctac atgggtctca aataactcaag      120
agttcactct gcggctgagg atgacctcaa gcctctgata ttcctgctgg gatcactgag      180
agctgggatt acagcattgg acgcgttctc acgaccggcc aggaaagacg caacaaacca      240
gaatcttctg cggcaaagct ttattgctta catcttcagg agccagagtg caagaagcaa      300
gagagagaga aaacgaaacc ccgtcccttt tttaggagag ttatatattcg cctaggacgt      360
gtcactccct gattggctgc agcccatcgg cccgagttga cgtcaccggg gaaggcagag      420
cacatggagt gganaaccac cctcggcata tgcgcagatt atttgtttac cacttanaac      480
acaagctgnc agcgccattc ttgtaacggc gaatgtgggg cgc      523

<210> 575
<211> 274
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 575
gaactgaggc tttatggaag gcagtggctg gancagggca gaatcctacc ctgacagcag      60
cacactggtc attgccgtgg cangngagga gacgactctg gtgtgtacaa cataaatctt      120
gaaaaatgga ggctggagaa gcacattcca ggcattcanag attaagggtt tggattatcc      180
ctggtccctc cagnngcanc caaangtgac anaangtgga agantgactg ggngcatent      240
gaanctggga agccgtgcgg ggcctatgat ggga      274

<210> 576
<211> 420
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(420)
<223> n = A,T,C or G

<400> 576
tatttgata actttgcnag tgctgcaaca nagaagataa ctgaatctgt tacagaaaca      60

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gctcagacaa	tcaagaaatc	cgtggaagaa	ggaaaaatag	atgatatacct	tgacaagact	120
atthttaggag	atthttcaaaa	agaacagaaa	aaatthtggtg	aggaacagaa	tacaaaaaag	180
tcagaagcag	ctgtgcctcc	gtgggttgag	agtcatgatg	aagagacaat	tcancagcag	240
atthttggctt	tatcagctna	aaaatnngtg	agtcgggctg	gcgaganggc	tcagnaggta	300
ngagctntga	ctgctcttcc	anaggctcctg	ngtncananc	ccannntcca	catgggtggct	360
cacanccacc	catantagga	tctgactccc	tcttctagag	agtctgaaga	cagctacttg	420

<210> 577
 <211> 492
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(492)
 <223> n = A,T,C or G

<400> 577						
cactatccga	tgaagatatg	accatgggtgc	tgaagaagac	agcgacnngg	angatcagga	60
cctggataaa	atgtttgngg	cctggcttgg	agaactggac	aggcttactc	agagttgnga	120
tnctgacaag	cccaaggaac	acantaataa	ngatctnctc	ttnnccngga	annaantatn	180
ngcaactttt	nttnccgctt	ntccatatac	aacttgnatg	aancnttgaa	tnatngngag	240
actgtgnacc	tggaatnccct	gatggctgac	ctctgntcta	tagagcagga	gctcagcagc	300
attgnctcag	gaaatagtaa	gcntnacgtc	acagaacctt	aaagttcctc	agaagctacc	360
tgctgnccga	catacgtcac	aacatggcac	cctgagagga	ccgtcatctt	cctctaatag	420
aacaactaaa	ccttcccatg	ctaactactc	cctggatgac	atcactgctc	agttagaaca	480
ggcttcctcc	tg					492

<210> 578
 <211> 165
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(165)
 <223> n = A,T,C or G

<400> 578						
agaagtctgt	ggaatggtga	gcattctgagg	ggnaacatat	ggnggcacca	tcccaggcat	60
tccaaatgga	tttggtcggg	ctgttntatc	aatacnngaa	ganaataata	tggaacaactg	120
gtnaagagaa	tgcaatannc	ncagtnccagc	cccagtagcc	caggg		165

<210> 579
 <211> 357
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 579						
aggctccctg	ctgccccatc	ctggccacaa	ctttgtgcgg	caccatctta	gaaaccgtcc	60
cgacctatat	ggcccccttct	ggatctgtgc	taccctggcc	tttgtcctgg	cagttactgg	120
caatctcact	ttgggtgcttg	cacagagacg	ggaccctccc	attcactaca	gccccagtt	180
ccacaagggtg	accatagcag	gcattcaccat	ctactgctat	gcgtggctag	tgccgctggc	240
gctgtggggc	ttcctgcggg	ggcgtcaggg	cacgagggag	cgcattggggc	tgncaccttc	300
ctgganacag	tctggngtct	acgggctact	cactcttttg	nttcatccct	actgggg	357

<210> 580
 <211> 437

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(437)
<223> n = A,T,C or G

<400> 580
gactgagatg agcagtttgc agatcaaggt aagacaaagt caaagcagac accaatggtg 60
ttatcaaaac cagcaccact tgcagnaaaa gacaggagga agaggagana gagggacaga 120
gcttgctcan tctttacttc aacnnagctg atcanaagca atcttggngg nataacaccc 180
anccaagtcg ggaaggtcct tgcaaaggga nccaagcct tccccngctc tacttcangt 240
ngaagnncct ttngaangag cnttcgcctt gaaaacctnn agcttctccn anggangtnt 300
acngccnagg ggcttcaatc ggaccgtccc aggatcnang gaagaangct nttgcccata 360
gangnttgct ggacccccnc agnaaactng attnggcaag tcncagnttt ggtnccttggg 420
aagaacagct ggccttt 437

<210> 581
<211> 345
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

<400> 581
agactgaggt caagtggact ccagctaant actgtcaatc aacagcctgt ttcccttcca 60
cctgcctatt cctgaggggtg aggtcttttc cctggtecca ggacttcccc acccctcctc 120
caaataccaa gactatgggc ttaaaagtgt caaatgggtg ctggagagat ggctcagcag 180
ttaagagcac cgactgctct ttcgaagggtc ctgagttcaa atcccagcaa ccatatggtg 240
gctcacaacc atctgtaatg gaatctgatg ccctcttctg ggggtgtctga agacagctac 300
agtgtactca catatatata ataaataatt ctttaaaaaa aaaaa 345

<210> 582
<211> 397
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G

<400> 582
ccactgagct gttgaataag tgctncagct ncncttggg agtttgnctt gccagacngc 60
tctgctnttg cacctgaaca gcccangggc canngtggac cctgnnacan tcatngagag 120
gggcagggtt atgctaance tatgtntaca acagtntttt ggggggtgta gntccaccac 180
ntgccacatt cacttggnat ganggcncgt tagncaagct agcaccaga gcccttnca 240
aggctacaca attacagggt cctcgggccac tctggaactg aaggggcaag cctgctccna 300
ngnnacccta ncnngnggtg ctggccgaca gnctaggccc acatctctgn tttgctggct 360
tcctttgtac tctcaacccc tgcttgttc tgggatc 397

<210> 583
<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)

<223> n = A,T,C or G

<400> 583

catgatccca cctcccccca gtctcccggt cctcctcgg nctggcatga tgccctgccc	60
ccacatggga ggccctccca tgatgccaat gatgggcccc cctccgcccg gaatgatgcc	120
cg	122

<210> 584

<211> 254

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(254)

<223> n = A,T,C or G

<400> 584

actgagggtt ccaagnctgc cctttgggtat tcaaacggga gccgctttgg actgactggc	60
tgcccttcctc ctccctcccc tcctccccct tctgcttcag atttatttat tataatgtaag	120
tacactgtag cagttgtagg acacactaga cgagggcacc agatctcatt gtgggtgggt	180
gngaaccacc caccatgtgg ttgctgggan tnganennag gatcttcaaa aaagcagncg	240
gggggtctaa cccg	254

<210> 585

<211> 274

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(274)

<223> n = A,T,C or G

<400> 585

gactgaggta ctacataaat agccaagnnt attccatttt tagtaccagg agttctatta	60
aattagagta tgaaggaaac tcatttgtat catggaaaat accagaaagc tgtaaagttg	120
aaaacactac atcaccann acaacactac nctgentnag ggctggantt cacacantna	180
anccaatngc tggannccaa naagtggaaac ggccctctgac tgtggntaat tcttataatnt	240
gctacttgcg ggatttcaca gacgggtaag tgga	274

<210> 586

<211> 467

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(467)

<223> n = A,T,C or G

<400> 586

gacctgaggc caggccatct gccttcaccc gctctatgtc atgcttccct gcaccctggc	60
tgccctcccta gctttcatgc tacccgtggc cactccaccc aacgccattg tcttctcttt	120
tggaggcctc aaagtgtctg atatggcccg tgcaggattc ctgctcaata tcatcggagt	180
gctgactatc acattatcca taaacagctg gagtatccct atcttcaagc tggacacatt	240
tcccacctgg gcctactcca acacaagcca gtgccttctc aatccgccta attccactgt	300
accaggccac tagactatgg tacaacctag ctctgctagg ggaaaagccg ctggtgccac	360
tcctcggagc caggagagg cgctccaaac tccaagtcctc gggacagagg tgcagaatcg	420
gntgggcgca tgcgaaatca tgtattcgng tgtttgccca catcctg	467

<210> 587

<211> 477

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(477)
<223> n = A,T,C or G

<400> 587
ggggaaacgc cgacctgant acnntcccta agcccaacag acactcacac tggttcgtca 60
tgaagtcgga gaaattccat gatgagctct ccgaccacgt attctttacg tntctgatcc 120
agaactgaat ggtaattctc cagaacagcc ttntggtact cctcactgaa catgcgaggc 180
ggggtcctgg gattcaacgc aaaaggagta tcagagccgg gcctgacgtg agatccactc 240
gaccaccact aaaagatctg tcctgatgcg gggctgtact aactgcagga ctcaactgat 300
gctggctcag agaccctgct gtntgatgtc agctagcatt agagagactt taaaggacac 360
gcctggcagg gggggctggc gtatgccntt agtcacagcc ctggannagg cnggaggagc 420
tcttgagttt gaggccagcc tggntctacag aacgagtntt gggacagcct gggctgg 477

<210> 588
<211> 477
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(477)
<223> n = A,T,C or G

<400> 588
gactgaggtg tgcattgcctg cgtttccatg aatgacgcat accaggagga cagaagactg 60
atacaccagg ctggagttac agacagttgt nctcnngttg actnaggagg nngcannctn 120
cttngnctgc tnggccatca ttgctggatg cctttannta ctgaganang nttctactgt 180
gnntccnngg ngtttnntan ntcnacctca antaacatgn ggttggnngc taacnnttta 240
tgtntttttag aagtgacttt nanccttctg ncctcctatc tncctcctctt cctcctcttc 300
ctcttcttca tcctcctcct ccccttctc tncctnctcc tntncctcct cctnctgaga 360
gctgggacca caggtatgta ccacacgccc agcttataca gcacactctg cagactgagc 420
tcaagtgcgg tttcatgggt gtggatggca aaaggtgttt aagctaaaag gaattca 477

<210> 589
<211> 305
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 589
actgagaaca cccatcatgg tagttggaag aaggatcgte ggctcacccc tcctcncctt 60
cgttcaggca cacctgccag aggcaagacc tcngtggntn ggatgaagtc ntcttctnct 120
atgtgcttgg gggtcctgga aggacctggc ccccttcaag ggaccatnag agaagaannn 180
ttgttntggg aggcctttac tagaaatgaa gggangctta tgngcctggc ttttnncnac 240
atcccnagag gtatgnggng ggaaantntg ntgcnanaat cttnttgggg gcagttgaac 300
cgatg 305

<210> 590
<211> 358
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(358)
<223> n = A,T,C or G

<400> 590
ctgccatcat gctgtnacat tcaccataga tagaanactt ncntntntag gggaganacn 60
gacaagacat cntatcgaca gcaactataa aagtgcataat ccncannnnn gatgancctc 120
ctttnatcga ccagctgggc tttggngngg ccccaggctt ccagacgttt gtgtcttgcc 180
aggagcagag gctcatctac ctgccctccc cctggggcac ctgcaatgct gttaccatgg 240
actcggattt cttcgactcc tacagcatca cggcctgccg gattgattgn gaaacgcgtt 300
acctggtgga aaactgnaac tgccgtntgg tgcacatgcc aggggatgcc ccatactg 358

<210> 591
<211> 517
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(517)
<223> n = A,T,C or G

<400> 591
tgttaccttt agtgaacaag agcatgttcc caaactcaat tttgggtcgt ccacccttca 60
ctncaaccca ccaacagcat aataacttct ttgctctctc accaactctt tattcacacc 120
agcaacttat agatgcacaa ttcaactttc aaaatgtaga cttgtctaga gctgtgtcct 180
tacagcctct gacatatgga actgtcagtc caatacagac cnggancatc tccatttatt 240
tcgaggaagg aagagaataa gcgatgaaaa aagcttttcc tcttgatggn aaacggcagc 300
gtttccattt caccaccacca agagccaact ataatncaac caggctagng cctttatcaa 360
gggtgacaga aggatatttc catgcccacc ggntgtttca cacgcactat ataccagaat 420
atagtncaga tgggtggtccc accctnntng nagaaattnc cacctgnana gaaaccctcc 480
gagaaaatna caactngccc tggagggcca aagataa 517

<210> 592
<211> 307
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 592
cacatttttg gtcacngaca gcgatatctn aataggagga actgggcagg agcaggggcat 60
tctctccagc agngagtggt tcacgactac tacaactcca acccgaaggc catcactacg 120
ggcttaaagt gccgattcgg ctaccgccgg aacactccag ccctccgcca gcncacatcg 180
gtgtttggag aagncacacc atttcccatt ttctgaagac attgcgtcac aaggcttgac 240
ctgcgtcttc aagacagatg tttagatgaa ctgtcaacga tattctatat ttttaaagat 300
tgattcg 307

<210> 593
<211> 275
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

<400> 593
gctgttggaag ctgcggntca ggggtgnggcc atcaccggga ccagactttc acaactggaa 60
ctggcccaat gcaatgattt ttgntgncac agtcatcacc accatcggtt atggcaatgt 120

ggctcccaag	accccagctg	ggcgccctctt	ctgtgtcttc	tacggcctct	tcnggggtgc	180
cgctngngcc	tgacatggat	cagtgccctg	ggcaagttnc	ttcgggggga	cgnggcaaag	240
aggttagggc	cantttctta	accaaggaag	aggag			275

<210> 594
 <211> 334
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(334)
 <223> n = A,T,C or G

<400> 594						
aaatggcttc	caaaagagct	ctgggtcatcc	tggccaaagg	agcanaggag	aatggagaca	60
gttgattcct	gtggatgtca	tgcggctagc	cggtattana	gtcactgang	cangcttcgg	120
nttgnaagn	gaccccgggg	cacnngtaaa	cccgtgatgt	aantggatta	gtaccaaaat	180
accagccct	ngaaaagatg	caaaaaacgc	nttggaccat	tnccaaangn	aggggggtnc	240
cttcnggggn	aggaaatent	ggntgccnaa	aaatttnatc	tcattcgcct	tannggggaa	300
tgnaaaaccc	tcaagngggc	cgggaaaaga	agga			334

<210> 595
 <211> 493
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 595						
gaactgagga	tcctttttgtg	gcattccaca	tcaacaaggg	tcttgtgaga	aagtatatga	60
actctcttct	gattggagag	ctgggtccgg	agcaacccag	ctttgaaccc	accaagaata	120
aagcgctaac	tgatgaattc	cgggagctgc	gggccacagt	agagcgaatg	ggcctcatga	180
aggccaacca	cctcttcttc	ctgggtctacc	tgcttcacat	cctgctgctg	gatgtggctg	240
cctggctcac	ccttttgatc	tttggaaact	ccttgggtgcc	cttcatcctc	tgtgcagtac	300
tgctcagtac	agttcaggct	caggcagggt	ggctacagca	tgactttggg	cacctgtcag	360
tctttggcac	ctcgacatgg	natcacctgc	tacntcattt	tgngattggn	cacctgangg	420
gggccccnc	cagctggngg	accacatgca	tttcagcacn	atgccnagcn	tagctgcttc	480
cgcaaggacc	ccg					493

<210> 596
 <211> 115
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(115)
 <223> n = A,T,C or G

<400> 596						
ggattgaaaa	tgaattngat	tcctaaatga	gaagctcgag	ggtgaggcac	cgtttcgaac	60
tctgcngtgt	gcaangaaga	cgaggaagtt	ccagcatggc	ctcgggggga	tgttg	115

<210> 597
 <211> 205
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(205)
 <223> n = A,T,C or G

<400> 597
 ctgagggtgta cagagccaat gggccagatg gagctgtggg ccgaggccag agaatccacc 60
 tgcagttatg ggacacggcg ggggcaggag aaggtttcgt agcttaaccc actgcattct 120
 tcagggacgc ttttggtttt cctgctttct tgttcgacct ggacaaatga ancaaagttt 180
 cctcaattgt ccgaaactgg ataag 205

<210> 598
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 598
 tgaggatgag ttccacccgt tntnngaggc gctgctgccg catgtgcgcg ccttcgccta 60
 cacctggtnn aacntgcagg cagcgcaagc gcaagtactt caagaancnc gagaagcgca 120
 tgtccaagga cgaggngccg ctntttttta tgatcaatat gagaga 166

<210> 599
 <211> 325
 <212> DNA
 <213> Mus musculus

<400> 599
 atagaagggtg gtgatggact acagctcaga aaggaacata ctctcaaaat atttgcttat 60
 atcaattcct ggactcagag gcaatgtcta tgctgcttca aggaatataa gcatttggag 120
 attttttaacc aagtagtatg tgcacttatt aatttagtca ttgcccaagt tcaagtgtc 180
 cgaggaccagc tttgtaaaca ttgtactacc attaacatag attccacgtt ggcaagatga 240
 gagtaatcaa gcggaagaac cactgagtat agatagagaa tgtaatgaag gaaatacaga 300
 aagacaaaaa tcaatagaaa aaaaa 325

<210> 600
 <211> 500
 <212> DNA
 <213> Mus musculus

<400> 600
 gactgaggta ttacataag gaatttgcag agtcctgggtc agttccaagg ttggcagaag 60
 gctttgatgt cagcactgat gttatccgaa gggtttttaa aagtaagttt gtaccactt 120
 tagagcagaa actgaggcag gaccaaagg tcttgaaaaa agctgggttt acccgagaga 180
 ttggtcagct ccccgtttct gaagatacct tgaaggcgct cagtgcaggc cgctctgtgt 240
 ctggcctgct gatggcaggg gatgaagtct cctctaaaag tcagaatcac agcacagctt 300
 tgaaagtggc gaagtcgcac cctcacagca cagacgcaca gaagaaacgg gaagggaggg 360
 ataaaagaat ccaagtcttg gaagagagcc tagtgcctgc caccacagcc ttgggtcatc 420
 agcgagagct tcagaaatcc cgccaccagt gacttccgag gccaccggaa gagctggcag 480
 tgatacgtta ccaagtgtctg 500

<210> 601
 <211> 149
 <212> DNA
 <213> Mus musculus

<400> 601
 gactgagagg aagacgaaca gctctcccca ctggagccat aactttaccc atgagccttc 60
 actctcagcc agggcagaca agagcccagc gcgtctgaga ctgttcctgc tctgaccag 120
 atatccaacc tgctagtgtg tgaggtcat 149

<210> 602
 <211> 339
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(339)
 <223> n = A,T,C or G

<400> 602
 gtcccatact acaaggaacc cactgatctg gtngaanaag atggccaaga ttactacntt 60
 ngcgaccagg ngagatgatg cagcagtgat atngtagcan ggnacttcat tgagcangct 120
 gantntctng ggnacctgtn cgggacatgn anggaagntg tcttggtga gcangccatn 180
 aacctcatct gcgtgctann ngtatgacct acnngggggg cgcngcatcn anaagactgn 240
 tcttggtgnc gattctacat ctttgggcag cctncctcgc tggacgtgct ggagcaacga 300
 ctgcnacngc gcaacactga gactgatgag agtctggca 339

<210> 603
 <211> 452
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(452)
 <223> n = A,T,C or G

<400> 603
 gacccatttg tgatagctca tcgcttgtct accgtncgta ntgctgacgt cattgctggg 60
 gntgatgntg nngtnattnn gnagcaagga antcatgatn agctcatgag ananaagggc 120
 anttacttca aacttgennat gncncanaca gcagtgaat ganattgant tatgganatt 180
 gaancttgta aatctaagga tganattgat aatttagaca tgtcttcaaa agattcagga 240
 tccagtctaa taagaagaag atcaactcgc aaaagcatct gtggaccaca tgaccaagac 300
 aggaagctta gtaccaaaga ggccttgat gaagatgtac ctccagcttc cttttggcgg 360
 atcctgaagt tgaattcaac tgaatggcct tattttgtgg ttggnatatt ctgtgccata 420
 ataaatggag gcttacagcc agaaaaaaaa aa 452

<210> 604
 <211> 471
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(471)
 <223> n = A,T,C or G

<400> 604
 actgagaatg gtccagaact acccatgagt cagtttggct ggagctcgtg agcattcaat 60
 aatgagtggg gcggctttag gacttganat tgtttttgnc ttttttctgg cattgntcct 120
 cctgcatcgc tatggagact ttaagaaaca gcacagactg gtaatcatcg gcacactgct 180
 tgcttggtgt ctctgctttc tcattgtctt catactgccg ctggatgtca gtacgacaat 240
 atataaccga tgcaggcatg ctgctgcaaa ttccagccct cctgaaaata ccaacgttac 300
 gggactggat gcatctgtca ctccagctcc aagacagcat ccatgtttca agccgngggag 360
 ttacattcca gatggaatca tgccaatttt ctggagggtg gtttattgga catcacagtt 420
 tttgacgtgg atcctgtnac cttttatgca gncatatgca agatctggag g 471

<210> 605
 <211> 408
 <212> DNA
 <213> Mus musculus

<400> 605
 cactgaggat ggcctcaggc aaagtacgct gcacccgaaa gctgcggagc tggatcgtgg 60
 agcaggtgga gagtggccat ttcccagggg tgtgctggga cgatgcagcc aagaccatgt 120
 tccggattcc ctggaagcat gcaggcaagc aagacttccg agaggaccag gatgctgcca 180
 tattcaaggt gagagtccct gaaggcacc caaagcactt ttgtctgttt ggggtttgga 240
 taaaggaaat actagaaagt agaacctggg ctggtgagat ggctcagcgg ttaaaagcaa 300
 ctggctgctt actcttccag aggtcccag ttcaattccc aacaaccaca tgggtggctca 360
 caaccatctg taatgggatc tgatgccctc ttctggtgtg tctgaaaa 408

<210> 606
 <211> 279
 <212> DNA
 <213> Mus musculus

<400> 606
 ctattggaag aggcaaccat ttcagtttgc aagtctttgg ttgaaaacaa ccctcgaaca 60
 ggaaatcttg ctgcgctaac taaggctctt ctatctagaa ccaggagct caggctctca 120
 gccgagtgtc agaaccacat cttcatctgg cagacacaca atgctctgtt tattatttgc 180
 tgcttgctga aagtgttcat ccgtgagctg tctgaggaag agctgcagct tcattttaca 240
 tatgaagaaa agtcccccg cagctacagt tctgactct 279

<210> 607
 <211> 535
 <212> DNA
 <213> Mus musculus

<400> 607
 gactgagtat aggtactgct tgcttttctgc actaccaccc tcaagaaact cagctataca 60
 agttggggga atgaatgaga aacgtcattt cactcattat gtacagacta cacgggactg 120
 cagcagtcag agcccaaagg acccactgat gaagaggaaa atatcgctaa gagcaaagga 180
 caggcaactc gaggtggaac agtgtaaaga cctaggggtg tccatttggc cacacctaa 240
 gaaacacctc cttcttgtct gaagaatggg tgagtgtgta tctaaggatc agcatcgagg 300
 cacttacttg aattaaaaaa cctactataa aatgcattcc gaatagtaac caggccgggt 360
 agaggctggc gacggctaaa cccttctccg tgggtgtctg ttttgtacac aacgctacga 420
 agggggaaaag ccaggcttgt ggggtattctt acactcacgg ctaagaccca gaagccgggg 480
 cagcatcagg accagatccc aatttcccaa atgactggca ctgaagaggg ggaag 535

<210> 608
 <211> 458
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(458)
 <223> n = A,T,C or G

<400> 608
 gactgagaca gctctggccc tcctgctgct cccatagccc gaattanaac caccaggaag 60
 aaagaatctt atactgattc tgtggaggac ctgagatccc ggggatgtgg ccactggaca 120
 gtgcttcggt ctcttcacct gaggggagcc tccccctaaa gaagaaactg agtagagccg 180
 tgacagggag acgccattca cagacgaatc tgaagtcact gcaccttgaa gggtagatgg 240
 gtgcacaagg aatgggcggc atgctgtccc gtttctccca gcactggaca gaaccaagct 300
 gtgctggtgc aaccctttaa tcccagcacc tgggagggcg agacaggtgc atctctgagt 360
 ttgaggccag gctggtctct agttccagga gagccaagaa tccttaaatt taaaatatat 420
 gatatatagg tcaatcacan agtgcttgcc tagcatcg 458

<210> 609
 <211> 531
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(531)
 <223> n = A,T,C or G

<400> 609
 actgagctgc caatggtgtc cttaccatac tggaaacttac caagaccggc taacaaagct 60
 gcaggaccac cttcggcaac tttctattct cttcaggaag ctgcgactgg tctatgacaa 120
 atgtaatgag aactgtggtg ggatggaccc cattcctgtt gagcaactga ttccatatgt 180
 ggatgaagat ggctcaaaga acgacgaccg ggctggtcca cctcgttttg ctagcgaaga 240
 gagacgagaa attgtagaag taaataagaa actcaaacag aagaatcaac agctgaagca 300
 gattatggat caattacgga atctcatctg ggacataaat gccatgctgg caatgaggaa 360
 ctaaagcgat atttaaactc cctgctctac tcatgtgatg aagttgggtt ttttcccccc 420
 tcttgagtat tcttcctttt gaaaaacgtt atttatgtct ttattttaac agctagcact 480
 aaagnttctg ttttcacttt aaaagtattt actagctttt ttttaatact g 531

<210> 610
 <211> 441
 <212> DNA
 <213> Mus musculus

<400> 610
 tgagggggca gctggcatcc tctgctacgt gggagcctat gtcttcatca cctatgacga 60
 ctatgaccac ttcttcgagg atgtgtacac agctcttccc tgccgtggtg atcatagctg 120
 taggagcctt gcttttcatc attggcctga tcggctgctg tgctacaatc cgggagagcc 180
 gctgtggact tgccacgttt gtcttcatcc tgctcttggt tttcgtcaca gaagtgggtg 240
 ttgtgggtttt gggatacgtg tacagagcaa aggtggagaa cgaggttgat cgcagcattc 300
 agaaagtgtg taagacctac aacgggacca actccgacgc tgccagccgt gctattgact 360
 atgtgcagag acagttgcac tgttgtggaa ttcataacta ttcagactgg gaaaatacag 420
 attggttcaa agaaacaaaa a 441

<210> 611
 <211> 400
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 611
 gaactgagta acaggatctc ggtgactggc tcattgtgga aagtacagtc tctggagtag 60
 aagaggagga ctgagaacta caggctcaga tctctattna gacatccaac agaattaata 120
 ctatcattgg ctataacatg aagctattgn gttaaaggan agaagtcgag tgntaaaaga 180
 cttcctactc caggatatcc tactgaagaa gtccagaana agcatggtgg ccctgactga 240
 cagcagacat gctgnctgat gctaggctgc nggggctgcg tgtgctntcc caccctttgt 300
 gnctngaagn ngacngtgct caaanngatg ngganaggan cggagtccgg anatcactgg 360
 gactcggaca tcgnctacac ngagggttga acccacaggt 400

<210> 612
 <211> 393
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

<400> 612
 catgcgctgt ggatatggag acagcccttc aaaaggagca gttccatatg tgcaagcatt 60
 tgactcgctg cttgccaatc ccgtggcaga gtacttgaag atgagtaagg agatcggggg 120
 agatgtgcag aaacacgtaa ggacacggng gccctttctt tctcctccta tttaaggact 180

ggaagctttt	cttcacatct	cttcaccctc	atcatagggg	cgcccggnag	ccccctgact	240
ccttttcttc	ttcctttatt	ggtccaggaa	cagaaatggg	gttcattttt	ctaggtctcc	300
tgttttatta	catattctgt	gtgtttcttt	tatgacaaag	cttgnntggg	cataaaatac	360
aactgngntc	atctttgtgg	gggaaaaaaaa	aaa			393

<210> 613
 <211> 465
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 613						
actgagacca	gatcactcct	ggntgaagtg	acagctgtgg	tgaagattga	aaaagatggt	60
ggtggcaata	atgggggtag	cggcaatggg	ggcggtgccg	ccttttctca	gactcgaagc	120
agcagcacag	gcagtagcag	cagcagtggg	ggcggaggag	ggcagcagaa	ccagacatca	180
ggaggctcgc	tgcaaggaag	tcagcagaaa	gagggagagc	aaagtcagca	gacacagcaa	240
caacaaattc	ttattcagcc	tcagctagtt	caaggaggac	aagctcttca	ggcccttcaa	300
gcagcaccat	tgtccggaca	gaccttcaca	actcaagcta	tttcccagga	aacccttcag	360
aacctccagc	ttcaggctgt	tcaaaactct	ggtcccatca	tcatttcgga	caccaaccgt	420
ggggcccaat	ggacagggtc	ggtggcagac	ccttcagctg	caaat		465

<210> 614
 <211> 234
 <212> DNA
 <213> Mus musculus

<400> 614						
gactgagcct	acacagtcca	gacatccgag	ggtgtacgcc	caacagccgc	ttctgaggcc	60
cgtttgaaag	ccttggctgt	ttgccacggg	cctctggacc	actacgactt	tctgatcaaa	120
tctcaggagc	tgaggggagga	tgaacatcaa	agaagagtcg	ttcagtgttt	gcagaagtta	180
caggaggacc	ttaaaggata	cagcatagag	gaaggagggg	tcttttcaaa	gctt	234

<210> 615
 <211> 194
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(194)
 <223> n = A,T,C or G

<400> 615						
gagggcataa	taacttcntg	tggnactctc	agaggccngn	acacngaagc	atggcttggt	60
nccataacac	angaacnngc	atcgaaggcg	ngngcngang	ggcccacagg	ccnacagnag	120
gagagggccc	caaagctacc	aagggagnct	ctggccacan	atgngactcg	ttgntcctcc	180
tgggactgcg	atgg					194

<210> 616
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 616

gactgagcct	gtgcctactg	cactagccca	agtggacaga	gagaagatct	atcagtggat	60
caatgaactg	tccagtcctg	agnnagntnt	ccatgatgtc	tcaaagnata	agctttaaga	120
aaagaaca						128

<210> 617
 <211> 484
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(484)
 <223> n = A,T,C or G

<400> 617						
tctggggagc	tcctgcatta	agtcagactg	aggctacgag	ggccccgggt	ctgtactggt	60
gtctccgggtg	ccgcaccaga	tgctgcccta	catgaacgtg	ggcacgctgt	cgcgcactga	120
gctgcagctg	ctcaacccag	ctgacttgtc	ggcggaagcg	gcggcaccgc	accatcttca	180
ccgatgagca	gctcgaagcc	ctgggagAAC	ctcttccagg	agacgaagta	cccagacgtg	240
ggcactcggg	gagcagcttg	gcccaggaag	ggtgcacctt	cggaaggaga	agggnggagg	300
tctggtttta	agaaccgccg	agccaagtgg	gagacgacag	aaagcgatcc	tcntcggagg	360
agntcagaaa	aacgcccga	gaagtggAAC	aaagaacgtc	ctnaaaaagc	cttcgccgga	420
gaagagggga	agaaggaagg	taaaagcgat	ttggactnng	gacagcttga	cgggccgcgg	480
cccg						484

<210> 618
 <211> 464
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 618						
tgttcaatcc	aatgactcca	ccacaagtca	atagctatag	tgagccatgc	tgtctccgac	60
ccctccacag	ccaaggagtc	cccagcatgg	gaacagaagg	actttctggt	ctgccctttt	120
gccaccaagc	caactttatg	tcaggggtccc	agggttatgg	agcagccaga	gagaccagca	180
gctgcactga	aggatctctc	tttcctcctc	ctctcctccc	tnggagtana	gtcanattaa	240
caaagaggcg	gactctntcc	atntcgcccc	tttnngatgc	cagcctggac	ctgcaaaccg	300
naatccggaa	nctnacccaa	ctnacttggg	aggntntnat	naactntcgc	tgtacatann	360
ngggcggttn	ctacggncat	ctntccattg	nnaccatgag	cccttcttaa	ggattcccac	420
ctnagatgag	ncatcaaaaa	ggaacttcac	ctcccttatg	gagg		464

<210> 619
 <211> 495
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

<400> 619						
gagccgttca	gtccaatgca	ttgatagtta	atttgacaga	ttcaaagggt	acttgccttt	60
atgcagaatg	ggagatgaat	ttcacaataa	catatgaaac	taccaaacca	aaccaataaa	120
actataacca	ttgcagtacc	ctgacaaggc	gacacaccga	tggaagcagt	ttgtggggat	180
gaccggaata	gtgccaaaat	aatgatacaa	tttggattcg	ctgtcctctt	gggcctgnga	240
attttaccaa	ggaagcatct	catttattca	attcatgaca	tcgggctttc	ctacaacact	300
tagngatagc	acaagtattt	tcctgggngc	tgnagctaaa	gggagttcat	actggttaaa	360
aancctggag	aattttcaaa	gntncctttg	naaggccatc	ctttaagggg	caatagnngt	420

tttaaactta	acaaaccctg	acttccctgg	ccgttcaaaa	aatattgggg	ggnatttcnc	480
cctgcaggct	ttttg					495

<210> 620
 <211> 274
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 620						
tctggggaac	ctcctgcatt	aagtcagact	gagggcngna	cccacagtcc	agtaagctag	60
atggcagngt	tactatngat	ctacnggcnn	gatggctatc	ccagcangtt	gntcctggnc	120
tacaaagtct	tgnatgacnn	gangaaggcc	atccctggnt	ttcctcttgn	gncgcacaan	180
acccgncctgc	acattgcana	ggacccctct	cttggactat	gagtacttgc	ccntgntgnn	240
cctgaaatca	ttcatccngt	cttcttttga	actc			274

<210> 621
 <211> 501
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(501)
 <223> n = A,T,C or G

<400> 621						
tgcttactga	gcgtcananc	ttncacatgg	aacangttga	aatatgctga	actacgtgcc	60
cggcagcaaa	tggagcagca	gcagcagcat	ggccagacac	ctcagcaggc	gcaccagcac	120
acgggagggc	cggggatggc	cccacttgga	gccacaggcc	accctggcat	gatgccgcat	180
cagcagcccc	ctccctaccc	actgatgcac	catcagatgc	cgccacccca	tcctccccaa	240
ccaggtcaaa	taccaggccc	tggtctccatg	atgcctggcc	agcccatgcc	aggtcgcatg	300
atccccgctg	tggcagccaa	cattcaccct	actgggagtg	gccctacccc	tcctgggtatg	360
cctccaatgc	ccggaaacat	cttaggaccc	cgggtacccc	tcacagcacc	aaacggcatg	420
tgtaagtagc	acagtgggac	gacattaccc	agcatcctgc	tttggaagct	acagataagg	480
aagaaatgct	ttcttcgtga	a				501

<210> 622
 <211> 323
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(323)
 <223> n = A,T,C or G

<400> 622						
gactgagaat	cctacnattc	ctcatcatga	cncctttctca	ggncactttt	gaaataagag	60
gaactctttt	accangagag	gnctttgcaa	tatgnggaag	ctgcgatgcc	ctgnnaaact	120
gnaatcctca	aaatgctgcg	gctcttatta	ntgaanacga	cacaggagac	agcgngttgt	180
ggaaagcagc	gattgctctc	aatanaaggag	ngncagnгаа	gnaccgcnac	ttcagaggcn	240
gcttttttaga	accannggaa	ggatgtcttt	atatattntt	ttattactgn	aggacttngc	300
atagtancaa	ctttaagttt	gaa				323

<210> 623
 <211> 138
 <212> DNA
 <213> Mus musculus

<400> 623
gactgagaaa gagtagttga gcagctgcgc agaacctgat agtcaaacaa gagcagccgg 60
acaagttcca gatacagcca ttgtcacagt ctgaaaacaa actacaaaca gcacagcagc 120
agccactaca gccactgc 138

<210> 624
<211> 383
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

<400> 624
gactgaggtt tgatctgtgg atgaaatgaa tcatgatttt caagctcttg cattanaatc 60
tcgggggaatg ggagagcttt tgcctaccaa aaagtttttg gaacctgatg attcaacaaa 120
ananggacaa ngaggcgtat ntcttggcna ngatgaangg anagagactg catgggggaaac 180
ttctcatcat tcaatgtccc agcctattat ggtgcagaga agatctggac agagttttca 240
tggaacacagt gaagtaaatg caattctttc tccacgctca gaaagtggga ggccttggtg 300
tgagcatngg tagaatatgt attaagttcc tctcctgctg ataaatggga ttctcgattt 360
aggaaggga cttttggaac tat 383

<210> 625
<211> 363
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 625
gactgagagt ctatgatgga agtcaaaggg aagaaaaagt ttacaggaaa gagtccacag 60
acatcacaaag gaaagaataa atttcataag aacagtgagt ctagttcttc aaagacattc 120
ccaaggaaaag ctgttaagga aggcggacct aaagtcacat ctaagaactt tgagaaaggt 180
gccacaaaac ctggcaagaa aggtgtgaag cagttcaaga acaagccaca aggggggcaaa 240
ggaccgaagg acaaatttca gaaggcaaat anattcagca agaagcggaa attccagcca 300
gatggtgaaa gtgatgaatc aggagccaag aaaccaagt gggatgactt tcaaaaaaaaa 360
aaa 363

<210> 626
<211> 540
<212> DNA
<213> Mus musculus

<400> 626
tctcccgaact ctcgagagac tacattcgtc gtccctcctct tgctgcttct tgccgtgcct 60
ggagttactg tccgtctctt aagaagtctg ccaggccggt tacatttctc ttccacagag 120
ctccttacctc ataagtatct tccctgagct gtcagtcgct gaccgggttg actttcgagc 180
ccccctcccc aactcctcgc aagcctgatc tctgaccttt gaaccctaga caccctcatc 240
aacactcttc cctcagtgtg tccccacatc caacagtcgg gatgccgggt gctcccacat 300
cctctctgtt ccaaataagg cccaccccag gtaggttgtg gctgaggagt acgagcctga 360
ggacagcaag agtttgtagt atatatgcca ctgagatccc tgacgcctcg ctccacatca 420
ggaagggtccc accctgaaat tccggctcca catacaggat cttgagtctc cgaacacctg 480
gatccttcga gatgtgaggt cctgtgtcca ggtgagcagt gtgctcttca aaaaaaaaaa 540

<210> 627
<211> 639
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 627
 ggcgggtttga agcctctgtg atcgaggagc ggcgcaaggc cgcgaggagc ctgctgcgct 60
 tcacgggtgcc catccctgca ctcaacaaca gcccaccaact caaggagttt ttccggggcg 120
 gggagggtgac acggccctct gaggtgtcca gggacctgcg aatcctgcca cccctctca 180
 tccccacacc acctccggat gaggcccggc tacttcagcc gctgcctgcg gaaaggaggg 240
 gccaggagga gttggagggt ccagtggatc ccctcccgtc cagccctgcc caggaggcct 300
 tggaccttct ctccagctgt gacagtacgg aggaagcttc cagctccctg gctcgaggtc 360
 ccctctctga ggctgaactt gcccttttcg acccttactc caaaggaggaa agtacaggcc 420
 ccagccctac ccacacaggt gagctggcag ccattgaggt agagtccaaa aggctggacc 480
 aggaaccctg ggagccagga ggacaggagg aggaaaaagc tgaggatgga gagcctgccc 540
 cagcttacct tggccaggcc acagagctca tcactcaagc cctgcggaat gaaaaggctg 600
 gcgcctacgc tgctgntntn caaggctacc aagaagggg 639

<210> 628
 <211> 770
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 628
 gtgggggtctt tcagtgtgtg accctgactg ccaagaagaa ctacagggca gatggcatcg 60
 ggagcagccc actctctaata caggatgctt tccgtctatg gtgcctcttc aacttcctgt 120
 ctgaggacaa gtaccgctg atcatgggtc ccgatgaggt agagtatctg ctgaagaagc 180
 tccttggcag cctgagtttg gagatgggccc tgggcgagct ggaggagctg ctggcccagg 240
 acgcccagtc agcccagacc gccgtggggc tcagcgtctg gcagtctctg gaactcttca 300
 actcaggccg ctgccttcgg ggtgtggggc gcgactccct cagcatggcc atccaagaag 360
 tctaccagga gctcatccaa gacgtcctga agcagggcta tctgtggaag cgagggcacc 420
 tgcggaggaa ctgggcccag cgctgggttc agctgcaacc cagcagcctc tgctactttg 480
 ggagtgagga atgcaaggag aaacgaggca ccatttcccc tggatgctca ctgctgtgtg 540
 gaggtgcttc cggaccgcga aaggaaagcg ctgcatgttt tgtgtgaaga ctgccagccg 600
 cacctatgag atgagcgcct cagacacccg ccagcgcag gaagtggacg ggccgggtcac 660
 nngcncgcn tnngtttanc tgggcctgtt caccgaaant gaccttttg ggcccctttt 720
 ncggtaggng actaanaaca aggcttgact cccgtccggc tctgccctta 770

<210> 629
 <211> 521
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(521)
 <223> n = A,T,C or G

<400> 629
 gacgtctggg gagctcctgc attaatgcag actgagggtc cttcactgat gttgtcacca 60
 ccaacctaaa gcttggcaac ccaacagacc gaaatgtgtg ttttaaagtg aagaccacag 120
 cacctctgca ngtagtgcgt gcggcccaac agtgggggtca ttgatgccgg ggcctctctc 180
 aatgtgtctg tgatgttaca gccttttcgat tatgatncca atganaaaag taaacacaag 240
 tttatgngtt cagnctatgt ttgctccacc tgactcttnt nanatggagg cagtatnnca 300
 ggnggcaanc ccggaagacc ttatggattc aaaacttaga tgtgnttncn antcngccac 360
 catnaaangc tagtccacat gntgnagaaa tanataaaat catacctacg gagtgcntnc 420
 aanacanaag caccggcagc cgcaaagtcc ctgacatcgc ccctcgatga cacagaagta 480
 aagaaggnga tggaagagtg caggcggctg caggggggag g 521

<210> 630
 <211> 800
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(800)
 <223> n = A,T,C or G

<400> 630

gacgtctggg	gagctcctgc	attaagtcag	actgaggtgg	ggtctttcac	gctggcttcg	60
cgagcagtc	ggacccacga	tcgcttttgg	caaccagaac	cggcgcttca	gcccccgggg	120
tgacgtgcag	cccgccgccc	agacacatgg	ccccgagccc	aagaccccag	catgtcctgc	180
actggaggga	cgcccacaac	ttatatatan	tgtacgaant	gatgntnttg	ctcagtcggg	240
cctggagccg	cctgaggggc	ccagaagtcc	cagaggcatg	gctggcaaaa	acagtaacag	300
gagcagatca	gatagaagct	gcggctctgc	tgacacctac	ccctgtctct	ggtaacctcc	360
tccctcatgg	ggagactgaa	gaaagtggat	ctcctgaaca	gagtcaagca	gcccagaggc	420
tctgccttgt	ggaagctgaa	agttcccctc	ctgaaacttg	gggactttca	aatgttgatg	480
agtacaatgc	aaagccagga	caagatgacc	ttagagagaa	ggaaatggaa	cgcacagctg	540
gcaaggccac	actacagccc	gctggcctgc	aaggggctga	taagaggctt	ggggaggngg	600
tggctagaga	agagggagtg	gctgagcccc	cttatcccac	atcacagntg	gaggggtggc	660
cagcttgaga	atgaagagga	tggagaaaca	gtgaagactt	accaagcttc	tgctgctttc	720
atagctncgg	gatacaaacc	cagcaccctc	gtgccttttt	tggggaggga	naacatcaag	780
ccacggaaga	aaaaggaaca					800

<210> 631
 <211> 658
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(658)
 <223> n = A,T,C or G

<400> 631

gacgtctggg	gagctcctgc	attaagtcag	actgaggtac	ccacccggcn	gcatggcaac	60
cctacagctg	ntcatagctc	ccttgctgtg	nntcctgctt	ngggtctttt	gngctccagg	120
tgccagancc	catgaccatg	nggctgatgn	ccatnatggn	agcntggnc	tgataagan	180
cacagtgcac	gaccaagagc	acatcntgga	acatntngaa	ggtgncatcg	accaaccaga	240
ggcggagatg	tccccacagg	aactgcagnt	ccattactta	aaantgcatg	attacgacgg	300
caacagtttg	cttgacggcc	tanagctctc	catagccatc	actcacgtgc	acaaggagga	360
ggggagtgag	caggcgccag	tcatgagcga	ggatgagctc	gtcagcatca	tagatggtgt	420
cctgagggac	gatgacaaga	ncaattgacg	gctacatcga	ctacgctgag	tttgcaaaa	480
tcactgcagt	agaccgttgg	ctctttttcct	tttgtgcaca	tgtgaccctt	gctaattnga	540
tggacgtgtc	tggtaatgcg	aaacaactta	tttccgtcta	ctgctcaaca	cttttggtta	600
aaaccctgtg	gcannctgnt	anaatggggg	ggaggaaana	aaccacatga	ctgggggaa	658

<210> 632
 <211> 247
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(247)
 <223> n = A,T,C or G

<400> 632

gggtgagcca	tagactatcc	taggaaacca	aaccagggcc	cngcnttggt	cagagagggg	60
acagataatg	nactccctga	nccgnngnat	cnaggatagc	accccacagt	gcatncctgn	120
ctattnagag	gcacanactc	tcagcacgtg	ggagaccttg	ctacctacgg	acaatncttg	180

atntacagnt gtattgccac ttncttgctc aacaaacctg ttactttntt ggaaataata	240
tttaatt	247

<210> 633
 <211> 378
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(378)
 <223> n = A,T,C or G

<400> 633	
ccatggtaac atgcttatnc tgtntacact tctatatgga caagaagtct aaactaggaa	60
cctacctact ctggacaacc attcccatct ccaccanag gacaccaatc atcgtgacac	120
cacgtccatc ttttactaag ttcccccaac ctcttcctcc tctcactagt agacttaata	180
cagaagcaag gatctaggcc ggggtgttgct actctgaaac ttattgcacg agatattgtc	240
aatttatccc ctaactgacc tcccagagaa gaaagaagtg ggaagaaacg gcgaatagaa	300
ggcaagagac actgatcagt tagaggggaa actctacatc ttctctgggt gagagtctgg	360
naactgaaga aggcaaaa	378

<210> 634
 <211> 248
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(248)
 <223> n = A,T,C or G

<400> 634	
ttatcatggg gcgcaagttg gatcctacga agaaggagaa gcgtggaccc ggccgaaagg	60
cccgaaaaca gaagggtgcg gagaccgaat tggtcagatt tttgcctgca gctgncgatg	120
agaattccat gaggctgtcn agtcttnccc gaatncgggc anccaagagg agggcagggt	180
ctgttgacgt ccctaagcca aataagtctc ctgggatcaa aacattgcct ggagagttat	240
ccaaagga	248

<210> 635
 <211> 683
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(683)
 <223> n = A,T,C or G

<400> 635	
ggactttgaa tatgtcgggg atcgccctca gccgccttgc gcaggaaagg aaagcctgga	60
ggaaggacca cccttttggc tttgtagctg tcccaacaaa gaaccctgat ggcacaatga	120
acctgatgaa ctgggagtg cgtatccctg gaaagaagg gactccatgg gaaggaggct	180
tgttcaagct acggatgctt ttcaaagatg actatccgtc ctcaccacca aaatgtaaat	240
ttgagccccc actgtttcat ccaaacgtgt atccttctgg cacagtgtgc ctgtccatcc	300
tggaggaaga caaggactgg aggccagcta tcaccatcaa acagatctta ttaggaatac	360
aagaacttct aaatgaacca aatattcaag acccagctca agcagaggcc tacacaattt	420
actgccaaaa cagagtggaa tatgagaaaa ggggccgagc acaagcgaag aagtttgccc	480
cctcataagc agcggccctg ggctccatga cgaggaaggg attggccttg caagaacttg	540
tttacaacct tttgcanatn taagtcgctc cgtacagnta ctantcncct ggganggntg	600
agcgggcncc attttccttt tccgccattg gatattcagn cttttgattt ttgantatta	660
annaaaactt gcttttattt taa	683

<210> 636
 <211> 665
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(665)
 <223> n = A,T,C or G

<400> 636
 tctgggggagc tcttgcatta agtcagactg aggtcctcag tatggcagcc tggagcgggc 60
 gtggggcgcc atgatgacag aagcagataa ggtcagcgag ctgcaccagg aggtgaagaa 120
 cagcctgctg aatgaggacc tggagaaagt caagaactgg cagaaggatg cctatcacaa 180
 gcagatcatg ggtggcttca aggagacgaa agaggccgag gatggcttcc gaaaggccca 240
 gaagccctgg gctaaaaaga tgaaggagct agaggcgcc aagaaggcct atcacttggc 300
 ttgtaaggag gaaaggctgg ccatgacccg ggagatgaac agtaagacag agcagtcggt 360
 caccctgaa cagcagaaga aacttgtgga caaagtggac aaatgcagac aggatgtgca 420
 aaagactcag gagaagtatg agaagggtgct ggaagatgtg ggcaagacca caccacagta 480
 catggagggc atggagcagg tgtttgagca gtgccagcag tttgaggaga agcggctggt 540
 cttcctgaag gaagtcctgc tggatatcaa acggcatctc accctancgg aaacagcagc 600
 tacttgcatt tctaccgaga actggagcag gccttccggg gggcccgatg cccagaggag 660
 acctt 665

<210> 637
 <211> 233
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(233)
 <223> n = A,T,C or G

<400> 637
 acttgcaaaa ttatgaagga ntctanaagc agagganaac ataaaagncc anenccttng 60
 nncnccttat ccncaccctc cctgagtctt ggcattggaca cacctatnaa ngaccttcct 120
 ggngcagata catnctcgna tgtgaaggga gaaaagctta ctgcgtgnaa acttgccagn 180
 ctctacaggc tngcagactt gnttgggngg gcgcacctgg caaatacgta cat 233

<210> 638
 <211> 343
 <212> DNA
 <213> Mus musculus

<400> 638
 tctgggggagc tcttgcatta agtcagactg aggattacaa cattccagag tcccactggg 60
 gaagaacaag atacttcaat aaatgaagga gaacaaagaa aactcaagcc cttcagtcac 120
 gtcagcaaac ctggaccaca caaaaccatg ttggtactgg gataagaagg acctagcgca 180
 cacaccctca caacttgaag gactcgatcc agccactgag gcccggtacc gccgagaggg 240
 ggctcgcttc atctttgatg tgggcacacg tttgggggtt tctcctgaat ctctgggatt 300
 tgttgtgaat aaactccatc accaagaatt agattaaaaa aaa 343

<210> 639
 <211> 596
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(596)
 <223> n = A,T,C or G

```

<400> 639
tctgggggagc tcctgcatta agtcagactg agnattaaat ctgagagaat ctgacatcag      60
agtgtgtgat  gaatcatctt gtaaatatgg aggtgtctgc aaagaagatg gagatggttt      120
gaaatgcgca  tgccagtttc agtgccatac aaattacatc cctgtctgtg ggtcaaacgg      180
ggacacctac  cagaatgagt gctttctcag gagggctgct tgcaagcacc agaaagacat      240
aaccgtggtg  gcgcgtggac cttgctactc tgataacggn tctggatctg gagaaggagc      300
agaggaggaa  ggctcaggag caggngctna caggaancat tccaagtgtg gaccgtgcaa      360
gtacaaggcc  gagtgtgacg aggatgcgga gaacgttggg tgagtntgta atatagnctn      420
cngtggcttc  acnannnnac nctncccgcg ntganganng ancntcctan aatgnccgnt      480
gtgtcntccg  aaaggcgact tgcataaagc actgaacnga tcgacanant agcnngtcng      540
ccnctggnca  tacacagatg angtggagat tattgnnaaa gaaggacgac gggctg      596

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<210> 640
<211> 578
<212> DNA
<213> Mus musculus

```

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<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

```

```

<400> 640
cccagttgtg  acatgatgga actaaggcgc cgttatcaga acttatatat tcctagtgc      60
ttttttgatg  ctcagtttac atgggtggat gctttccctt tgtcaagacc atttcaactg      120
ggaaattact  gcaattttta tgtgatgcac cgagaagtag agtccttaga aaaaaatatg      180
ggctgttctt  gatccacctg atgctgacca cctgtacagt gcaaaggtaa tgctgatggc      240
tagccctagt  atggaagact tgtatcataa gtcatgtgct cttgctgaag acccacaaga      300
ccttcgtgat  ggtttttcagc atcctgctag acttgtttaag tttctagtgg gaatgaaagg      360
caaggatgaa  gccatggcca ttggaggcca ctgggtctcct tcgctggatg gaccaaacc      420
agaaaaagat  ccctctgtgt tgattaaaac tgccattcgt tggtgnaagg ctctgacagg      480
cattgatcta  agngtatgca cacagnngta ccggtttgca nagattcgt accatcgccc      540
tgnggagacc  cacaaggggc gnacagttcc agtcatg      578

```

```

<210> 641
<211> 716
<212> DNA
<213> Mus musculus

```

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<220>
<221> misc_feature
<222> (1)...(716)
<223> n = A,T,C or G

```

```

<400> 641
tctgggggagc tcctgcatta agtcagactg aggcctgaaa ctcagcaccg aggctctgca      60
ccccactccg  agagcgacat cccagagcag gaggaggaga ttctagggtc tgacgatgac      120
gagcaggaag  accccaatga ctactgtaaa ggaggttatc atcttgtgaa aattggagat      180
ctatttaacg  ggagatacca tgtgattcga aaattgggct ggggacactt ttccacagtg      240
tggttatcat  gggatattca gggaaagaag tttgtagcaa tgaaagtagt taaaagtgtc      300
gagcattaca  cagaaacagc actagatgaa atccggctgc tgaaatcggg tcgcaactca      360
gacccgaatg  atccaaatgg agaaatggtt gttcaactac tagatgactt taaaatatca      420
ggcgttaatg  gaacacatat ctgcatgggtg tttgagggtt tggggcatca tctactcaag      480
tggtatcatc  agtccaacta tcaggggctt ccgctgcctt gtgtcaaaaa aattattcag      540
caagtgttac  agggcctgga ttacttacac acccaagtgc cggatcatcc acaccggaca      600
tcaaaccaga  gaacatcttg ttgtctgtga atgagcagta cattcgaagg ctggctgcag      660
angccacana  gtggcagcgc tcangagctc cccaccatc ggggtcttgc aggctg      716

```

```

<210> 642
<211> 276
<212> DNA
<213> Mus musculus

```

<220>
 <221> misc_feature
 <222> (1)...(276)
 <223> n = A,T,C or G

<400> 642
 gtctggggag ctccctgcatt aagtcagact gagtgctcca ctccagctac gggaactggt 60
 gaactgtcgt tgggcggaag aagtgcacaca gcagcttgac actctccagc tgtgtagtct 120
 caccaaacaat gaagaaaatg agaaagacaa atgngaaaat caccatgaaa aacttagtag 180
 tgttttgctg gacttgtnag aagtgtatct gccatnagt ngcncctttgg ggaggaatgg 240
 ngngcnganc aaatgtntn tttggtttac atacta 276

<210> 643
 <211> 102
 <212> DNA
 <213> Mus musculus

<400> 643
 gaacgggcat caaagctccg ctgtgcttgg ttactggtgt tcctggcagg ttccctccgtc 60
 ctcttatatt acacctttca ttctcagtca cttcattaca gg 102

<210> 644
 <211> 781
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 644
 gtttatcaat gccagcaaga agaatagtgc agcccatgat tgaccagtca aatcgagcag 60
 ngagccaagg agcagcntat agtccanagg gtcagcccat ggggagcttt gtgttggtg 120
 gtcagcanca catgnggatn cggcctgcag gacccatgan tggaangggc atnantatgg 180
 gcatggatgg ccagnggcac tatatgnann cttngccatg tnangcaatc tctnggcaag 240
 gggaagtttg canagcatgc cnggggacta cnttntctcag ggtggtcenn tgggaatngn 300
 tatggcccan ccaagttaca ctccctncca gatgacccca caccctactc agttaagaca 360
 tggaccncca atgcattcat atttgccaag ccaccccccac caccagcca tggtnatgca 420
 cggaggaccc cctacccacc ctggaatgac tatgncanna catagcccca caatgttaaa 480
 tnctgtacat nccaatgttg gcggacaggt tatggacatt catgcccant attttaangg 540
 aactcnngga anaaggaaac acacncaaaa actattttaa gactctctga actttgacca 600
 natgtgacac ttaatatgaa actccagaca nctgtgatta ttttttactt tnntggnatt 660
 tntcatcnag caacagagga ccantgngac angaacacan atgtgaaagc gacgggctca 720
 tcgtgacaat tttgnccatg caaagatcct ttggagaaan actncgagag ttataactac 780
 t 781

<210> 645
 <211> 158
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 645
 gcctgagccg ggctgggctc ccattttgggt tgatgcgccg ggagctagca tgngagggct 60
 accccatcga gctgcgggtg ccggggagtg atgtcatcat aggtggtggc aaacgggcag 120
 gatgagtatt taataaaaagt tcgcaagttt ccaaaaaa 158

<210> 646

<211> 117
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(117)
 <223> n = A,T,C or G

 <400> 646
 acttttcctc ccccccttga tctcgctgcc tgtgaaagcc ngggntagn tcaactaaga 60
 cgcctcctgc gagaaagcca gagaagagct anggggctgg gggaaggagt ctaaaat 117

 <210> 647
 <211> 105
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(105)
 <223> n = A,T,C or G

 <400> 647
 cattagtcag actgaggcgn caagcccatc tgngtgngct cgcattccaac tgtgatgagc 60
 ccatgtntgt caagctgggtg gaggcacttt gtgctgaaca ccaaa 105

 <210> 648
 <211> 212
 <212> DNA
 <213> Mus musculus

 <400> 648
 gaaagcgatt tcgctcacgt tttattagca caaggaagac agccggctcc ccgaggcaga 60
 agatcgcagg caccattcgc tcgccacca gactctgcgc gcagccccgg agccagagag 120
 gaggatcgtg aaccgaagcc agcttcgcag ttctagtttt gaaagcgccg ctggaaaggg 180
 gcttaaatcc gctttttttt tttttaaagg gg 212

 <210> 649
 <211> 299
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(299)
 <223> n = A,T,C or G

 <400> 649
 ctttggggag ctccctgcatt aagtcagact gaggaagcca gagctatgca gttctccagc 60
 tcatccagga catcagatga gaatgtggac tatttgttca aggtcatcct aagagcttgt 120
 ccggatgggtg ctgaatggct gangacattc tgtatcccga gtctgttcct tgcccagtgt 180
 gattttctgtg tggctccaga ggctccccctg tcacagcacc ttgcccattn ggtttctttg 240
 aggatgatgn ctgccttcac caaataaaat ttgctntctt tgccctcaaa caaaaaaaaa 299

 <210> 650
 <211> 238
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(238)

<223> n = A,T,C or G

<400> 650

caggaaagaa	aggaaaggaa	aagaaaaata	gagagggcaa	ggacaaggaa	aatggctctg	60
tatctaccag	tgagacacca	ccacctccac	caccaaata	aattagtcct	ccacatgctg	120
cggaagaaga	ggaagatgnt	gactggtnng	gaggatacta	attgtggaat	cntcnaaggc	180
nctngnatgg	ttgngatcnn	tgaccatnct	nanaggtctg	acacttaa	gttgattt	238

<210> 651

<211> 359

<212> DNA

<213> Mus musculus

<400> 651

atgttccccct	tctctggctg	ctggaggact	gaactgttat	tgttgctact	cctggctgtg	60
gctgtgagag	aatcctggca	gatagaagaa	aaatcgtgtg	acctggtagg	agagaaggat	120
aaggagtcaa	agaacgaggt	ggctctcctg	ggagagggtta	cggccactgt	ttaacaaaag	180
ttttgagagt	actgtgggcc	agggtcaga	cacatacagc	tacatattca	gagtatgccg	240
ggaagctagc	aaccactcct	ctggagcagg	cctgggtccag	atcaacaaaa	gcaatgacaa	300
ggagacagtg	gttggggagaa	tcaacgagac	tcacatcttc	aatggaagta	atagaatca	359

<210> 652

<211> 771

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 652

gacgtctggg	gagctcctgc	attaagtcag	actgagtgcc	accatggcaa	ctgcaccgta	60
caactactct	tacatcttta	agtatattat	tattggggat	atgggagtag	gaaaatcttg	120
cttgcttcat	caattttacag	aaaaaaaaatt	tatggctgat	tgctctcaca	caattggtgt	180
tgaatttggt	acaagaataa	ttgaagttag	tggtcaaaaa	atcaaactgc	agatttggga	240
tacagcaggg	caggagcggg	tcagagcggg	tacacggagc	tactatagag	gagctgcagg	300
tgcgctcatg	gtgtatgaca	tcaccagaag	aagtacatat	aaccacttaa	gcagctgggt	360
gacagacgca	aggaatctca	ccaatccaaa	cactgtaata	attctcatag	gaaataaagc	420
agacttgga	gcacagagag	atgttaccta	tgaagaagcc	aaacagtttg	ctgaggaaaa	480
cggcttattg	ttccttgaag	caagcgcaaa	aacgggagag	aatggagaag	atgcttttct	540
tgaggctgcc	aagaaaatct	atcagaacat	tcaggatgga	agcctggatc	tgaatgctgc	600
cgagtctggt	gtacaacaca	aaccctcagc	cccgcaggga	ggacggctaa	ccagtgaacc	660
ccaccccaaa	gagaaagctg	nggctgctag	tgacctcttt	gctctggccc	ctcatttgac	720
ctttcacctn	tgntcgggtg	aagcagactt	tttactggct	ccttggcttt	g	771

<210> 653

<211> 396

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(396)

<223> n = A,T,C or G

<400> 653

actgagggga	caaacaagtg	actcctgtca	cccctctggg	tgccccttan	aggccatcca	60
gcccaacctg	accaatgtcc	acagccaggg	aacagccaat	cttcagcacc	cgggcgcacn	120
gtattccaga	tngaccccac	tacaaagcgg	aactggatcc	ccgccggcaa	gcacgcactt	180
accgtgtcct	atttctatga	tgcaaccgga	aatgggtgtac	cgcacatca	gcattngggg	240
gngccaaggc	catcatcaac	agcactggtc	actcccaaca	ttgaccttca	ccaaaacctc	300
tnagaagtcc	gggcaatggg	gcagacagtc	nagccaacac	ttgtctacgg	cctaggcttt	360

gcctctgaac agcagctgac ccagatatat ttgtat

396

<210> 654
<211> 384
<212> DNA
<213> Mus musculus

<400> 654
gacgtctggg gagctcctgc attaagtcag actgagaaga tggacgacat gtcgcccagg 60
ctgagagcct ttctctctga acccattggg gaaaaggatg tggcctgggt ggatggcatc 120
agccgtgaac ttgccatcaa tttggtcacc aaagggttca acaaggccta tgcctgctt 180
gggacagttt cttctgatgc acaagaatga agcagagttc cagaggtgga tcatctgctg 240
ctgtggagct accggagtgt gagggccgcc agagctccac ctgcctgaag gagtgggtgct 300
cctgtttcct atagatatct ctggcctggc agctctacct cagataaagg ctacccatgc 360
tacctacaga caaccaaaaa aaaa 384

<210> 655
<211> 443
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(443)
<223> n = A,T,C or G

<400> 655
gaactgaggt tgcttctata actggatcac gagtttgctg caciaagtac catgtctcga 60
tcccggcagc cccacttgct gtgagctgtg ncntccatag nanggatgtc taggaatcag 120
atcccanaga gncccgaggaa ggaccnanc acnctgacca cnatncanac ctgctgtngc 180
tgntcntnga ccttnatcaa atcctatgtn aagagggcgt nttgtaagga cggaagggaan 240
attaccctgg ganaagcnaa tgnaanttgg gctttantat tgtcacaact aaggttgggn 300
tgtaaaggaa nctcaactgt ctcttttaag ctactcaagc ctgaaaaaat aggcatttta 360
gatcagtctg cagtgtgggt ggatgaaatg aattattatg atatgcggac tgacaggaac 420
aaagggattc ctcccttgct tct 443

<210> 656
<211> 398
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 656
gactgagatc ctgatggcng ttgtacagcg tggagcctgt ccaanatgaa gagaccctg 60
cctgtgccga tgagtttgac gactttgtca cntatgangc caangangng acngacagng 120
cataatntggg gtntgagagc ncctacagng agcagtgaga ccttcacana ngaggacacc 180
agcaccctgg ngcaccctg agctgcngcc tgaaggggac gtggacagtg ctggtggctc 240
aggggtgccc tctgagtgcc tggacaccat ggaggagcct gaccatggtg cattgctgct 300
gctcccagge agntcngtgc ttnacgctcc nagnntaggt gtttgtgnag tgcgcagtgn 360
ancctntag ttcnccantc ttgggctagg tgagccat 398

<210> 657
<211> 107
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(107)

<223> n = A,T,C or G

<400> 657

actgaggctc	agacaagaga	aaagctctag	aagagaccaa	agcatataca	actcaatctc	60
tagctagtgt	tgcttatcaa	atnnatgcat	tggccaacaa	aaaaaaa		107

<210> 658

<211> 462

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 658

ctgaggggttc	cggcgctncc	cgtgaaaaac	tngaattggca	ctggccctgt	ncacccagcc	60
ttgctcaggg	ntgaccgnga	tnctgctgtg	tgcagcgtag	ctgccgangt	gcctgacacg	120
agcacccaaa	cccatacctgc	acccaccacc	agtangcaaa	agcnactgtn	gaagcctgtg	180
cctgnagtgc	ccgngtgtg	ccgaaagacc	aanaaaaaac	acctcaagaa	aaagcaagaa	240
tcctgaggat	gtggttcgga	ggtacatgca	gaaggtgaaa	aaccccgct	gatgaggact	300
gtaccatttt	gcatgggagc	ggctgntcac	agnatctggg	ctatgagggc	gtgctccgaa	360
aacaagagtg	tgcggnccga	gcttgtgggc	cgnctggggc	gtnggggnca	natgtatcac	420
ntggntctgn	ctggngggcca	tgtactccaa	tggcaaaaag	ga		462

<210> 659

<211> 416

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(416)

<223> n = A,T,C or G

<400> 659

ctgggagatg	tgacgccaca	caatattaaa	cagttgaaga	gactgaacca	ggtcatcttt	60
ccagtcagct	ataatgatga	attctacaag	gatgngctag	aggttggcag	agctagcaaa	120
acttgcatat	ttcaggngat	atagctgtan	gtgcagtgtg	ctgcanggn	tgatcattc	180
acagnaata	aaagagacct	ttncntcatg	acactaggga	tgccctgcac	cttaccgaag	240
actaggaata	ggaactaaaa	tgttaaatca	tgtcctaggc	atctgtgaga	aggatgcncn	300
cctttttgac	aanatctatc	tgcatgtgca	ggatcagnna	gttgagncca	gcngattgac	360
nttttacccg	ggaaagtgtg	gctttttgag	attatccgna	gacaggagaa	caactt	416

<210> 660

<211> 125

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(125)

<223> n = A,T,C or G

<400> 660

gaagagtggc	agacagaaag	aanaggctct	ggtccaaaga	gagaggatgt	gtctctggaa	60
catggatgcc	attancaagg	atgtttttta	taagagtttt	attaatcaag	ataaaagaaa	120
aacaa						125

<210> 661

<211> 349

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(349)

<223> n = A,T,C or G

<400> 661

ctcgaccctg	cctgaccggn	ctctanngaa	ctgncagtac	agttcagnca	ccttcancnc	60
angtgagcgc	aagcgaaggc	ctcatggaga	ccggaagtct	tgtgagatgg	ggctgcagct	120
acgacagacc	ttcnaggcag	gcattctcac	acagctgcac	ccccgctctc	agatcgacat	180
ctacgtgcag	gtgctgcaag	cagatggtgg	gacctacgca	gcattgtgtga	atgcagccac	240
gctagcagtg	atggatgctg	ggatacctat	gcgggacttt	gtatgcncat	gttcagctgg	300
ctttgtggat	ggcncancac	tancggacct	cancacagtg	gaggaagca		349

<210> 662

<211> 156

<212> DNA

<213> Mus musculus

<400> 662

gactgaggtg	tggaaatgta	aactttgcta	ggagaccagc	tgtaacagat	gtgggtcgagt	60
tgcagtaatg	tgaattgggc	tagaagatca	gagtgttaaca	tgtgtaatac	tccaaagtat	120
gctaagttag	aagaaagaac	aggtaagaaa	aaaaaa			156

<210> 663

<211> 513

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(513)

<223> n = A,T,C or G

<400> 663

gactgaggtt	gaagctggaa	tttgcccctt	acgagcaaga	agatgatgag	tgacgctagt	60
gacatgctgg	ccgcggcgct	ggagcagatg	gacggaatca	tagcagggtc	taaagccttg	120
gagtattcca	atgggatttt	tgattgccaa	tctcccacct	ccccatttat	gggaagcttg	180
cgcgctctgc	accttgtgga	agacctgcgt	ggattgttgg	agatgatgga	aacggatgag	240
aaggaaggat	tgagatgccca	gatcccagat	tcaacagcag	aagtgccttat	tgagtggctt	300
caaaatcaaa	tgacaaatgg	ncatctacct	gggancggan	atgtgtatca	agaaagggtg	360
gcacgtntag	aaaacgacaa	ggantccctn	gttcttnang	caagtgggtac	ttgagnccat	420
tcctttntna	ngacangtgg	nccttncaac	tttgaatctc	atgtatgtgc	aacacctgta	480
ttaanncacc	tgaatattac	atgccatcta	agc			513

<210> 664

<211> 252

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(252)

<223> n = A,T,C or G

<400> 664

acgtgttcga	ggatgatagg	gaagggacga	tcgggagaga	tttccatcga	tgacattcgg	60
ataagcactg	atgncccncn	ggagaactgc	atggaacceca	tatcagcttt	tgacggggnc	120
nccctcncag	nnaggnaccg	agcccnacag	gnacncangn	gcccgcttcta	ttncatncca	180
gnctactngt	attacgttat	ggcgggccggg	gnccnccgtg	ctgggtgcttg	gcggggggggg	240
gcctgccctt	gg					252

<210> 665
 <211> 322
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 665
 gcccttgctg tcagtgcnaa gtgaaangaa tgcggagtgt anangtgagg anntggctnc 60
 tacttnagac ngacgagctg aatgatgccc ctgnttgccg ccncgnaatc anatgacagc 120
 gaggacactc ccagcangct cttcggggcc agaggaaaca canncttacc agatccagga 180
 actnctgagc agnaccaggt ctgtcagncc catcccanct ttccagttgn gccacagcct 240
 cttctgacgg cacaacagtt agccctttgc tgtgncccgg ggcgatgccg nnaggccccc 300
 catccctcaa tcaggcaatc ct 322

<210> 666
 <211> 348
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(348)
 <223> n = A,T,C or G

<400> 666
 aatcaggaat gattctccat cccagagaga tgaagtaatt caatgggttg ccgaactcaa 60
 ntaccagttc aacctctatn cagaancatt tgctctggca ngcagncttt tggatagggt 120
 tttagctaca gtaaaagccc atccaaaata tttgaattgt attgcaatca gctgtttttt 180
 tctggctgct aagactgttg aggaagatga gaaaattcca gtgttaaagg tattggcaag 240
 agacagtttc tggggatgtt cctcatctga gattttgaga atgggagaga attattctgg 300
 ataaatngna ttgggatctt nacacggnta caccattgga tttttctt 348

<210> 667
 <211> 162
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 667
 ggctctggcg gccactggga aggaggaggg cctgagcgcc cggctgctgg ccctgggtggg 60
 ntctgntctt tatcgntggn ggcattatag ggaagantgc cttgnanggg ccgatgcgaa 120
 ggatggcagg ntggattgan ggatctacca caccatggga tt 162

<210> 668
 <211> 295
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 668
 ctttggaaga agaaccagga tgactttgag tgtgtgacca ctcttgaggg ccatgaaaat 60

gaggtcaagt	cagtggcttg	ggccccatct	ggcaacctct	tggctacctg	cagcagagat	120
aagagcgtgt	gggtctggga	agttgatgaa	gaggatgagt	atgagtgtgt	cagtgtcctc	180
agctctcata	cgcaggatgt	taagcacgtg	gtttggcacc	cgagccagga	gcttttagct	240
tntgctagct	atgatgacac	agngaagcta	taccaggaag	aaggggatga	ctggg	295

<210> 669
 <211> 219
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

<400> 669						
gactgaggtt	gtggagcatg	gcctgtttgt	cangcactgc	acngtggaag	tgtatttgct	60
gganctgaag	ctctgtgaga	tcagtgaccc	caccantgtg	ctaagntgcc	attttagcaa	120
agcagacacc	attgcaacta	ttgagaagga	gatgaggaag	ctcttcaaca	tccctgcaga	180
acgtgaaaca	cggctttgga	acaaatactt	gagcatcac			219

<210> 670
 <211> 519
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(519)
 <223> n = A,T,C or G

<400> 670						
gtctggggag	ctcctgcatt	aagtcagact	gagtcctaac	aggggcttta	cagaaatgca	60
ctgtatgagc	ggccactcta	atthtgtgnc	ttgtgtgtgt	atcataccct	caagtgacat	120
atatectcat	ggactgattg	ccactggagg	aatgaccac	aatatttgca	ttttctcgct	180
ggacagtcca	atgccacttt	atattttaaa	gggtcacaaa	gatactgttt	gtagtctttc	240
ttctggaaaa	tttgggacat	tacttagtgg	ctcatgggac	accactgcta	aagtctggct	300
gaatgacaaa	tgcattgatga	cattacaggg	tcatacagcc	cgcagtatgg	gcagtaaaga	360
ttttacctga	acaggggctta	atgctaactg	gatcagcaga	caagaccatt	aaactatgga	420
aggctggaag	atgtgagagg	acttttttag	ggcatgaaga	ctgtgtaaga	ggcttggcaa	480
tcttgagtga	gacagaatth	ctttcctgtg	caaacgatg			519

<210> 671
 <211> 431
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(431)
 <223> n = A,T,C or G

<400> 671						
tgaggtgatg	ctgggagcag	aactccaaaa	gnccagaagc	ttcgtgaagc	tatggctgcc	60
ttaagaaaat	cagctcaaga	tgtccagaag	ttcatggatg	ctgtcaacaa	gaaaagcagt	120
tctcaagatc	tacataaagg	aaccttgggt	caggtgtctg	gagaactgag	caaagatggg	180
gacctgatag	tcagcatgcg	gattctgggc	aagaagagga	ctaagacatg	gcacaaaggc	240
acccttattg	ccatccagac	tgthtgncta	ggantanaat	acagagtga	ngactgacna	300
ccaaggaccn	agtntgctat	ccagggaacc	atagtgncta	tnatnaccac	ccttccgctn	360
actatgctgn	ttgaggacan	ccgantgggtg	nccaagtaca	aagatggaaa	tcangcctgg	420
ctttatgctg	g					431

<210> 672

<211> 386
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 672
 tggcactctc ttttctgctc ttaccctgcn ncaacattcc tttccaggga cagccngntg 60
 anancntttc acggagtgn gnacntgan gcgangantt taaaagttgn ggcttgaaag 120
 acaggaagat acggatggct tcctcgtctg gcaacagacg atgatntcac tatccccaga 180
 gctgntntna atatgatgat caaagagact cttntaatg tccgggtggc cancgatgcc 240
 cgagagctgg tagtgaactg ctgcacggaa ttcattcacc ttatatcttc tgaagccaac 300
 gagatttgta acaagtcaga anagaagact atttcaccag agcatgttat acangcactg 360
 gaaagtttgg gctttggctc ttacat 386

<210> 673
 <211> 253
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(253)
 <223> n = A,T,C or G

<400> 673
 ttcctaacat gcttgagttn cgaaccagtn ttnccttgag atgaacnctn tttngcaaga 60
 gcgaggnnnn naaancnttn nctttcagga catggaatct gaattggaga anacagaagc 120
 tnagctcaat gcagnagtca gagagaaanc atctctctct gcgagtaatg cttcactngg 180
 aaaaacggnt tactgaatta accagagcca acgagctact aaaggctaag ttttctgaag 240
 atggtcacca aaa 253

<210> 674
 <211> 127
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 674
 gactgagatg ggagatcttt ggtcagcn cnctatgaag gtgaatgctt cccaggctcg 60
 tcagttttaa ccttgtatta agcaaataaa tttccctaca aacctcatal gactggaaaa 120
 aaaaaaa 127

<210> 675
 <211> 408
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(408)
 <223> n = A,T,C or G

<400> 675
 gacatgggtg tactgtggag tttatgataa tgccttaaac aatgacaact acaaccttgc 60
 tagaggcttc aattaccacc aaggacctga gtggctgtgg ccaattgggt attttcttcg 120

tgcaaagttg	tatTTTTTcca	aatgatggg	cccagagact	gctgcagaag	actgtatngt	180
ttggTTaaaa	atgttctttc	tagacattat	gttcatcttg	agagatcccc	atggaaaggc	240
cttccggagc	tcaccaatga	gaacggccag	tactgccctt	tcagctgtga	gacacaggcg	300
tggTcaatgg	ctgntgttct	ggaaaccctc	tatgatttat	agttggctca	taaatagtaa	360
ttgtgtgaac	acttgacatt	attgaatgca	aggtcataaa	gaaatgta		408

<210> 676
 <211> 433
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

<400> 676						
actgagtctc	catgaagtgc	caggagcacc	cgtgcgtgtc	ccctgtctct	aatcatgtgt	60
atgagcggcg	actcattgag	aagtacattg	cagagaatgg	cacagatcct	atcaacaacc	120
agcctctctc	agaggagcag	ctcatcgaca	tcaaagttgc	tnacccannn	cgacccaanc	180
ctcncTccgc	caccancntc	ccagccatnc	tgaangcctt	gcacanatga	gtgnnatgca	240
ggnnatgctg	cacaggtnca	ctctncgcc	gnaactgctg	acaaccggcg	aggagctggn	300
ccatgctctg	taccaacacg	atgcttgcct	gccgagtc	tgcccggtcn	acnaaagagg	360
ncactgcngc	tnagangct	ntggctactc	tnaanccaca	ngctggncct	atttgtacct	420
caggctgtgc	caa					433

<210> 677
 <211> 111
 <212> DNA
 <213> Mus musculus

<400> 677						
aactgagatc	cggacatggg	ggcagtgttg	gaagtgatct	ccagtctgga	gagatacccc	60
atcaccaaag	aggcactgga	ggagacacgg	actaggggaag	ctcatcaatg	a	111

<210> 678
 <211> 495
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

<400> 678						
gactgagaga	ctgtgaatcc	tgcaggatga	ctgaatgaac	ccttgattca	cggacatgcc	60
ggaggagttc	aacatgggca	cacacgactg	tcacagacgg	cagattcngn	tnctacttgn	120
ggngngngaa	ganntagcct	ntctacangt	tncannnga	tnnaagggag	nacntngntg	180
ntggcggaac	acctgacttc	caggcaacta	gggtgaggat	cttataccca	taccactgt	240
gacacaacca	ttccaaccag	gtcacaccta	ttccaacaag	gccacacctc	cagatgggtgc	300
cactccctgg	tccaaggata	tacaaaccat	cacattccac	tccctgggtcc	ccatagactt	360
gttcaaaaac	atgagtctat	gggggccata	cttaaaca	gcataatgca	aaatgcattt	420
agtccaactt	tcaaagtcct	catagtctat	agcagtccgc	aacaacatta	aaagtccaaa	480
gttcaaaaaa	aaaaa					495

<210> 679
 <211> 423
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(423)
<223> n = A,T,C or G

<400> 679
gactgaggaa gccagagcta tgcagttctc cagctcatcc aggacatcag atgagaatgt 60
ggactatattg ttcaagggtca tccttattgg ggactccaac gtggggaaga catgtgtggt 120
tcagcatttc aaatctggag tctacagtga gtcccagcag aacaccattg gggtaggactt 180
caccgtgctc tccctcgaga tagacggcaa gaaagtgaag ntgcnagggt ncacacacgg 240
naggncanga gcncnccgn accatnacc aaagctacta ccggagtgcc cacgcagcta 300
tcatcggtta tgatctcaca cggcggncca cattnaaatc tgtccctcac tggatccacg 360
agatagaaaa atatgggagc tgccaactng ntcatcatgc tgatcgggaa caaatcagac 420
ctg 423

<210> 680
<211> 166
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 680
taagagttag ctggtacaga aagccaaact ggctgagcag gctgancgct atgatgacat 60
ggctgagcta tgaaggccnn aacagancag ggacacgaac ttttccaatg aagaagagga 120
attctactct nttgttgctt acaanaacgg tggtaagggg gccccg 166

<210> 681
<211> 206
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(206)
<223> n = A,T,C or G

<400> 681
tcgtacgctc tcaaccagag actatagcat gtgctngnat ctaccttgcg ngtagagcac 60
ttcaaattcc cttgccnact cggncceant ggnttcttct gtttggnacc acagaagagg 120
agattnagga aataatgcat agagacgctt agactntata ccatggaaaa agcctaacta 180
tgaatgagct ggaaaaggaa gtagaa 206

<210> 682
<211> 277
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(277)
<223> n = A,T,C or G

<400> 682
aggccgaagg actgaatntt ccataataca tncctaaaac cttcaagaat ggttctagca 60
gatcttgga gaaaataaca tcagcattac ngctcattga gcantgccac cattatcaat 120
gaagagggtat ttaaatngct attgctgaaa gaaagtatgt ccagcattta ttggaagcag 180
atgttattat taacntaggg aagcacctca gaaaaatgtt aaagcctggc atttggttct 240
tgaaaanatg gccttcnggg gggggggcaa aaaaaaa 277

<210> 683
<211> 151

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 683
cgcagttact cttttcatgt ataaagcagg gatgctgnat ctacctcaca cgggtactaa 60
aagcaaaaca cgggaatcca aagccctggg gcacatgccc gacatctgaa aagctggngg 120
tttctcccac ctcccttccg agtgcattgt g 151

<210> 684
<211> 471
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 684
gatggaagcg tccagactcc ggcagaaggc agaggagctg gtcaaggaca gcgagctgtc 60
accaccgaca tctgccccct ccttggtctc ctttgatgac ctggctgagc tcacaggaca 120
ggatacaaaag gtccaggtac atcctgctac cagcactgcc gccaccacca ccgccaccgc 180
caccacggga aactccatgg agaagcccga gccagcctcc aaatctccgt ccaatggcgc 240
ctcctcggac tttgaagtgg tccctactga ggagcagaat tcacccgaaa ctggcagcca 300
ccctacgaac atgatggacc tggggccccc acccccagag gacaagcaac ctgaagctcc 360
acctgcagcg cctgggagacc acccttagcg tgtgtgcaga ggagccagac cacaagccag 420
ctnttnacc accctgggccg catggcctnt agtttaaaaa aggtgggccc c 471

<210> 685
<211> 217
<212> DNA
<213> Mus musculus

<400> 685
gactgaggaa aggcctggaa gaagaggcca ccaaacaacc caaccctctc tccagtcctt 60
tgatctactc gtgcctgca tctggagacc caatggccca agcctactgg cagtgtctacc 120
cctggcttat tctcctctgt gcatgtgcct ggagctaccc agagcccaag taccttggaa 180
gggaagatgt gagaaactgt tcaaccagcc ctgaggc 217

<210> 686
<211> 168
<212> DNA
<213> Mus musculus

<400> 686
gactgaggct ccagccttcc cccagccctg gttgaaatcc tcagtgggta ttcattgaaga 60
cgcacccacc atgttttatg ggactcattg cattactagt gtaagataaa cctagttgta 120
ttcatttctt gtggctgatg taataaattt aaaacaacaa caaaaaaa 168

<210> 687
<211> 408
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 687
ccagcaccta aagaaggtcc tatgccagtt ntggcactta tgtagtgttt agaggcaggc 60
agcagggggc ctatngtcca tgtggacaca cacttcatcc aggctgncct actctcccgc 120
ccttgggctt ccttggcctn tgatganttn ggctgatggc caacacctca cagccatgag 180
accgagcaaa aagagactgg ggantttctc agctggcttt cgcccttcct canaggagtn 240
ggcccttggg accttgccct gaaagctggg gatcgctggn aaccccacca tncctcccca 300
anggccttna tgggcacggg cccatgatct tnacctgggt tnagccctga gcgccttgag 360
tgcccgggcg ncnggancta cctgggtttt agggaggatt cttggatg 408

<210> 688
<211> 452
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 688
acacagcacc tgccctttgag ggccgcncgg agatctgata atgccctcaa ggctggntgn 60
ctatgctgnt gaaagctaat gaccatgagc tggctcaggc catnctgann gnagccagca 120
tcaccctgcc tcatggaacn ctttnnnaat gctatagacg agcnggccaa ccgcttataa 180
acctgcacca tctattgncc tgtccccacc tnnntngaact tgctgctgca ncacacagga 240
ggagganagc ctgtatcctc ccnagccca cccctagtgn gcgccngaa ttcccactga 300
aagtgcgcct cttccacagg caaggacgng aggntnaatg ccagcctgcc tgacaccggg 360
gggggcaact naagaggcag ctggcccagc cnggagggca tttgagcct tcctggcana 420
natggttntt ttttgggaaa gctgcttaca ac 452

<210> 689
<211> 428
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(428)
<223> n = A,T,C or G

<400> 689
ataggagcag aatgttcagc agaggcctac atacnnaana ctctcgaggg aacaggcttg 60
ccatttcaca gttgatgaga gttctgtggc tgggaagaga gtcgacagta acgaaacagt 120
ctcgccatct tcaactgcctt catctgtgag aactgctggg ctaaagcccc aaactggacc 180
cctcatgttt tggteacagc aaaatatcac agaacagggt tactctgaca actctctgtc 240
cagagaactt acacttctgt ctgcctgcaa tgctgatagt tgtcagatgc caaaactcca 300
ctgccaccgt tcaccacccc ctttgccacc aaagaaatac tctacagcca gngcaccaag 360
gttagagaga gttggactta gccctgatgt cgggggttacc gaggcgttta acactaatcc 420
ctccagcc 428

<210> 690
<211> 306
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

<400> 690
gaaagcttga ggcccttcccc anctggcaaa aatgaagaaa cagatccacc ccgttccctcc 60
tcaggggngg gnnactttnt ctttancacc atttcccaca atgccaaagg acacgggncc 120
ccttgccntn atcccnacct tatgattctt tacccttggc ttgggaanaa cagccttcct 180

tttaagcctc ccccaaagtc ccctcttttg aacccaaggt ttnaagggng gggggggntc 240
ctaaaangtn tntccnaagc ctcataaact cttaatggaa actcaggaac ccttgattg 300
gacccc 306

<210> 691
<211> 474
<212> DNA
<213> Mus musculus

<400> 691
gtgtatgtgt cttacaacta tggaaaatca ttcagtaaga tttcagagaa gctgaacttt 60
ggcgtgggca acaacagcga agctgtgatc tcccagttct accacagccc tgccgacaac 120
aagaggtaga tctttgtgga tgcttacgcc caatacctct ggatcacgtt tgacttctgc 180
agcactatcc atggcttctc catcccatc cgggcggctg atctcctcct ccatagcaag 240
gcctccaacc tcctcttggg ctttgacagg tctcacccca acaagcagct atggaagtca 300
gatgattttg gccagacctg gatcatgatt caggaacacg taaagtcctt ctcttgggga 360
atcgacccct atgatcagcc aaacgctatc tacattgagc gacatgaacc ctttgggttc 420
tccacagtgc tccgcagtag agacttcttc cagtcccggg aaaacccagc cggg 474

<210> 692
<211> 126
<212> DNA
<213> Mus musculus

<400> 692
ggaagaaagc tcgcacattt gacttggagg ccatgttcga gcaaactcga aggacagcgg 60
tggaagaag ccggaaaaca ctggaagcaa gagaaaaaga ggaagaaatg aacagaaaca 120
aaaaaa 126

<210> 693
<211> 283
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(283)
<223> n = A,T,C or G

<400> 693
agagaagcca gccaaagaat gtctcgtggt attccagccg attcttccca cttccgatgg 60
gttaagccac cgttactgat tcgcatttgg tgtttgctat tggactgaac ctgctgatat 120
cctgacatga agcttagagt cgatctaaag aactacttct aaacaggctc acaatgccct 180
tgtcctagta accgtatctc tcccctacct ctggtcgggt ctctagaagg gagattgatg 240
cattgnagaa ccccaaataa aataggcttt ggaaaaaaa aaa 283

<210> 694
<211> 434
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 694
ccagggtcca gtgataagaa atcagaacta ctgccagcta agtggaacag caataaagaa 60
ctgtatgcc tccggtatga gtctaaggat ggagccagaa aactccttct gaaagctgtc 120
tctgtggaga acggcatgat catcaacgtg ctggaacttg gcacacagca ggtggcagac 180
ttgaccctga acttagatga ttatattgat gcagaagacc tgagtgaact ccacaggacc 240
tataagaaca gtgaggagct tcggtctcag atcagatctg gaattatcac acctatccat 300
gagcagtggg agaaggctcg tgcaaacagt cctccgaggg agttcccacc tgccactgcc 360

agagaggnngg acccaactcca gatttctctca caccgncctc atactancag gcagcctgct 420
 tggcgtgatc ccct 434

<210> 695
 <211> 405
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 695
 ggaagaaagc tcgcacattt gacttggagg ccatgttcga gcaaactcga aggacagcgg 60
 tggaaagaag ccggaaaaca ctggcggaac cagtatttgg aaggctgggc cagaggtggc 120
 tgtcaccatt gcttgttgac ccagacagta tagaacattg tgacacacac tgatgtggct 180
 gctgctgttg aatccctgct ttaatgagct gtaggagata cttaatgaag ccttacttcc 240
 agatggcttt tccagatggg tggcagttct aggaaccacc ttaggggtctc cagagaacac 300
 tggcagtgng ctttttttgg ctctaactca gatctctctt gtactagagg acggtctgga 360
 gtctgggaac agctggattt aaatcaagtg ctgtgatagt acttg 405

<210> 696
 <211> 101
 <212> DNA
 <213> Mus musculus

<400> 696
 ggaagaaagc tcgcacattt gacttggagg ccatgttcga gcaaactcga aggacagcgg 60
 tggaaagaag ccggaaaaca ctggaagcaa gagaaaaaaa a 101

<210> 697
 <211> 433
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

<400> 697
 gtcggatcat aaggcagcct tctgtcagtc tgctctgccc ctccctcga ggagcgcct 60
 gccttgctga ctttctctgc ctctggcttc ctgtgatagg tgggtgtcatt cccctccaac 120
 ctgagtgtg gcaggtacac tgctggccac cagcagatgc ccatgaagat gctgacaatg 180
 aagatgtctg ccctgtgctt ggttcttgct aaatcagcct ggtcggagga acaggagaag 240
 gtggttcatg gaggcccggtg tttgaaggac tcccaccctt tccaggctgc ctctacacct 300
 caggtcactt gctgggnggg ggggcctcat tgaccacag ngggtgctga cagctgccac 360
 tgcaaaaaac cgaatctgca ggngatcttg gggaaacaca aactacggca aacagagact 420
 tttcaaaggc aaa 433

<210> 698
 <211> 436
 <212> DNA
 <213> Mus musculus

<400> 698
 gtgggggtctt tcaccgtag ccgactcttc accttcccgt aaccgcgtct cttaccggtg 60
 atggcggtga actgctggat taacccttc agcgccgacg acgcccggga gcccccggtg 120
 gcagccatct taccgccgcc gccgccgccg cggaacaaca acacagacac acacggggct 180
 ccctccccca ctccgccggcg tgctgtgctg aggcgcactg gcaggcccgga agctccgcc 240
 tctccctgtc tgtgcgcggt ttgcgcaggc gtactctccg cgagccgccg ctttggtttg 300
 aagcctgtgc tgctggcttg tagctattct ttgaaacatt tgggtgccttc tctgaattcc 360

ggagatatcc tcctaagtac cgcattgaat cccaacatcc caaagaatct tcggacctga	420
aataccaaac tcttgg	436

<210> 699
 <211> 177
 <212> DNA
 <213> Mus musculus

<400> 699	
aatgggagct gactgacatg gtgggtgtggg ttactggagc gtcaagtggc attggcgagg	60
agctagcttt ccagttatct aaactcgggg tctctctggg gctgtcagcc cgaagggcgc	120
aggagctgga gcgggtgaag agaagatgcc tggaaaatgg caatttaaaa aaaaaaa	177

<210> 700
 <211> 352
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 700	
gttaatectg ccatacgaaa gatttattaa gggagaagaa gataagcctc tgccgccaat	60
caaggcctcn gcaaactnga atgccctgcg aggcnaaat gagantnaan caaaagtctc	120
gggaaacana cgtancngng nggactacgc ccccttttga gnaagaaaaa actggctaag	180
tccaagctga attggcctcg ctggccattt aaatggcgcg ccctcgagga attnggatcc	240
ggcgcgccat ttaaattggcc gctatggcca attcttttgg tttttaccct ggaagaaata	300
ctcataagcc acctctgtta tttaccccca atcttcacaa gaaaaactgt aa	352

<210> 701
 <211> 434
 <212> DNA
 <213> Mus musculus

<400> 701	
gtttattgaa aatatggcat aacagattaa acagctccac gtgggtgtttt gaaattcatg	60
ccaactgtag gctgagtgac ctgaagggtta gagagactgc caaagtccag gagcttcagc	120
atctccttgg tgtegggatc cacctcaatg atctcctgat ctagggtga gacctcagga	180
acgtagtatt ctctcctctc tctctcttct tectgcaact tgatagagat gcctctcaca	240
ggccctctct gaatccgctt catcagatgc gtgatatagc cggctatctt gttccgaagc	300
ttcttgctgg ggatgatggc gatctcctcg cacacgcgct tggttggtggg gaaagcatta	360
cccagacgcg ttagtagtct ctagatgatg acccgggcag ccttcttcac ggtcttggtg	420
cgaaccagcc tttt	434

<210> 702
 <211> 363
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 702	
gcccgtggga ttgacgtgca acaagtgtcc ttggttataa actacgatct acctaccaat	60
cgtgaaaact atattcacag gagtcgatag cggcagttga tgacgagatg gcactcagaa	120
acggcggttg cgtaatttag gacgtggaan cataagcgaa acagcacact gtttgaacaa	180
agagcgagtc gaattggcag aggggggtcga tttgggagga aaggtgtggc tataaacttt	240
gttactgaag aagacaagag gattcttcgt gacattgaga ctttctacaa tactacagtg	300
gaggaaatgc ccatgaatgt ggctgacctt atttaatccc tgggatgaga tagttttgaa	360

tgc

363

<210> 703
<211> 333
<212> DNA
<213> Mus musculus

<400> 703
atgatttcct gctaaatggg agcctgggac tgggagggct cctcctcctg cttgtcatca 60
tcctgttcat ctgcttgtgc cgggttcagcc agagagtgaa gagactggaa aggaatgccc 120
aggtctcagg gcaggagccc cactatgcat ctctccagca gctgccagtg tccagtagtg 180
atatcacaga catgaaagaa gacctcagca ctgactatgc ctgcatcgcc aggagcacac 240
ccacttgagt gcccccaaaa gctctcctcg ccctgggtgc gtgctcagtc acactatggt 300
catctagtaa agtctgggtc cccacttctg aaa 333

<210> 704
<211> 528
<212> DNA
<213> Mus musculus

<400> 704
agtttgtgag aagcttctat aatgggtctgc ttggctctcg tcagagctgc ctatgagcac 60
atctacctgg tgaggaaggt cagtcatgcc tgcagatgcc atcaacatcg ggcttggagc 120
tcaaagccag ctgcatcaca gtctgctgtc caggggtgctc caggcagtggt gctggagata 180
cttggtaaat cctaccctca ggatgaccac actaacctca cccagaaggt cctttccaag 240
gtgggacagga acctgcacaa ccagaagttc caccctctgt ggctgattaa ggagcgggtg 300
aaggagcact tctaccagca gtatatggtg cgatccagga cacctctatt ctccgtctat 360
gaccagcttc ctccagtggt caccacctgg cagaactttg atagcctgct aatcccagct 420
gaccaccca gcaggaaaaa gggggacaac tattacttga atcgggcaca catgctgaga 480
gcacacacat cagcgcacatc agtgggactt gctgcatgcg ggacttaa 528

<210> 705
<211> 513
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G

<400> 705
ggccaagctc agacattacg gagcccagag ccagagggcga tggagctgag ccaccgacaa 60
ggtacaacca cgttgacaag gacacacccg aacgacaagg agggccagca ggacatgaac 120
tccttcagag ctaaccatag ctcccttgagc aactccaaat ttaagtacca tgcaaggctc 180
tcccagagcc ccttaggcag ctccctgggc cagggctacc tggagactcc acctctacca 240
ccaactccta cctgcaggac ttctctgnct atgaactccc atcctgagga cctgaagaag 300
gggcatccag atccagctcg agagatgcc aaggagacctt ccgagagggga tgtgtcgggg 360
gaggaaggnc aagacttcag gtcccaaaaac aaangacagg ggcctttgac caagaaggac 420
agggtcnttc ttgaaacatc cgccccaaan ttgggagcaa gatgggggac caactgatct 480
ttgaggatna gctcgacagg ccattggtga aaa 513

<210> 706
<211> 518
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(518)
<223> n = A,T,C or G

<400> 706

aaaactagaa	aagagaagac	aaaatcaaag	accgaagaag	caacagaagg	aatggaagag	60
gccgtttcct	ccaaagcaaa	gaaaacaaac	aagaaagggc	cttctgagga	tgatgtggat	120
ccccctaaat	ccaggaaggc	caagaagcag	gaggaggagc	ctcaagacga	cactgcttct	180
acaagcaaaa	cctccaagaa	gaaaaaggag	ccccttgaga	agcaagcaga	ctctgaaacc	240
aaagagataa	taacagagga	gccttccgaa	gaagaggcag	acatgcctaa	gccaagaag	300
atgaagaaag	ggaaagaagc	aaacggagat	gccggagaga	aaagccccaa	gctgaagaat	360
ggactctccc	aaccttccga	agaagaggca	gacattccta	agcccaagaa	gatgaagaan	420
gggaaagaag	caaacggaga	tgcttggaga	gaaaagcccc	aagctggaag	aatggactnt	480
cccaaccttc	cgaagaaaaa	ggtagacatt	cctaagcc			518

<210> 707
 <211> 278
 <212> DNA
 <213> Mus musculus

<400> 707						
tgccccccca	ggagacaaag	agcctcatga	aggettccta	cacgcccagag	gtgatagaga	60
agtcggtgag	ggatgtggaa	cactggcacg	ggaggaagac	ggatgaccta	ggccggtggc	120
accggaagaa	tgctatgaac	atgaacttgc	agaaagcgct	ggaagagaaa	tacggagaga	180
agagcagatc	caaggccaag	tagttgaaag	gacattggga	ggaagcttga	gaatgttgcc	240
aataaagaaa	taaaggctgt	ggtctgcaaa	aaaaaaaa			278

<210> 708
 <211> 423
 <212> DNA
 <213> Mus musculus

<400> 708						
tgctgaagac	agcgcagaat	caccccatgg	taagcactct	gggccacctc	ccttcatgtg	60
cccacagctc	agtcttttgc	agttcatgat	tgaaggcctg	gcaagatggc	tcagtgggta	120
aaggtgcttg	ctgccaagcc	gaaggacctg	agttcaatcc	ccaggaccca	tgtgatgatg	180
gaggggttca	tgacttccct	gaagttgttc	tctgccctgt	ctgcacacag	acagaatggc	240
aaatgcaata	caaaggaaaa	cgttcacaaa	gaaatctata	gccggcatgg	tggtgcacgc	300
ctttaatccc	cgcacttggg	aggcagaggc	agcgaatttc	tgagttcgag	gccagcctgg	360
tctacaaagt	gagtgccagg	acagccaggg	ctacacagag	aaaccctgtc	tcaaaaaaaaa	420
aaa						423

<210> 709
 <211> 198
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

<400> 709						
cttgttacct	aaaacccccg	gcagaggagg	agaggagant	agcagcggag	gaaaagaaga	60
gacangggng	ggggggncaa	tttngtttgg	atttgacggg	gcgcncannn	tgacanaann	120
gncaagtgag	gcgtcagcga	gcttgctttt	ctctagtcgt	tgagaacgaa	taaagcttca	180
ttgtgcgaaa	aaaaaaaa					198

<210> 710
 <211> 277
 <212> DNA
 <213> Mus musculus

<400> 710						
gtgtataggt	gtgaaccaag	tgcacgtcta	gttcccttgg	aggccagaaa	gaaggcgggtg	60
tcagatcccc	aggaaccata	gttacagatg	gttggtgtagt	ctccccctccc	ccagcctgaa	120
tcctgcttgc	tcaggggtgg	agcttcccgc	tcaatcgttc	agccatgccc	actgctggaa	180
gctgccgctt	tgctgttcgg	agccggagcc	gtacacgtgg	tcaccctgct	attggacccc	240

aagactaatt ggcgggaatc ggccccttcc cctgctt

277

<210> 711
<211> 410
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = A,T,C or G

<400> 711
gtgtataagg tgtgaaccaa gtgcacgtct agttcccttg gaggccagaa agaaggcggg 60
gtcagatccc caggaaccat agttacagat ggttgtctcc tgtagctcaa cctggcctgg 120
aattctctat gtagctgcaa gtgaccctga ccttctgagt cttctctacc ttccagtgtg 180
gtctcccctc cccagcctg aatcctgctt gctcaggggt ggagcttccc gctcaatcgt 240
tcagccatgc ccaactgcngg aagctgccgc tttgctgttc ggagccggag ccgtacacgt 300
ggtcaccctg ctattggacc ccaagactaa ttggcgggaa tcggggccct tcccctgctt 360
tataattgcg tgtggaacag taaaattgag ctttgatcag aaaaaaaaaa 410

<210> 712
<211> 521
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(521)
<223> n = A,T,C or G

<400> 712
gggtggttaag ggtggtggaa acccangtgc cncgtcttaa gtttcccttt gggaaggccc 60
agaaaagaaa ggcggnggt caagaatccc ccaggaaacc cataagttta ccagnatggg 120
ttggatgttt taaaccctca agacagggat gggggccttg gggcttgggc caacaacttg 180
ctcaacattc ttctgagtct gacgggcttg tggagtgtga gcgtggctcc taaatttctt 240
gggtaggact gaagaagcac ttttaagatg tggaaactca gagaggatgc cactgttttg 300
aactattttg aaggcacagc caccagagct ttaggtcaga agaggtcctt ggaactggaa 360
ttacaggttg ctgtgagcct ccagggacag ggtattttat cacagcaaca gaaatgaaac 420
caaaacaact ccacaataaa attcttgggt ttcttggggc caagaagatg acacgataag 480
gataaagaca ctggccaagc atgaccttca gagtttggcc c 521

<210> 713
<211> 508
<212> DNA
<213> Mus musculus

<400> 713
attgactcgt ggtgcaaaga caacagctat gtgatcgctg gctattacca agctaattgag 60
cgtgtgaagg atgccagccc aaaccagggt gcagaaaagg tggcctccag gatcgagag 120
ggcttcggtg atgccgact catcatggtg gacaatgcc aagttcacgat ggactgcgca 180
gccccacga tccacgtgta cgagcagcac gagaacaggt ggcggtgcag agaccacac 240
cacgactact gtgaagattg gccggaggca cagaggatct cagcttact cctggacagc 300
cgctcctacg aaacactcgt ggattttgat aatcatctgg acgacattcg gagcgactgg 360
acaaaccgag agatcaacaa agcagttctg cacctgtgct agacaaggac cacactacag 420
cgaagacgga agcatatatt tacatttata gaggaatagt aggttagccg gaagggaagc 480
tgcaagtgtg ccttgaggagg ggtgccgg 508

<210> 714
<211> 532
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(532)
 <223> n = A,T,C or G

<400> 714
 gactgaggaa tagaagacat cttaagtagg ggctcaagag ctggatagcg tcatcaagca 60
 aggggtacctg gagaagaaaa gcanagatca tagcttcttt gggtcggagt ggcagaagcg 120
 ctgggtgtgtt atcagcagag ggctcttcct ctactatgct aatgagaaaa gcangcagcc 180
 caaagggacc ttctcatta agggctacag tgtccggatg gcccctcacc tgcgaaaaga 240
 ttccaagaaa gaatcctgct ttgaactgat ctcccaggat aggcgcagct atgagtttac 300
 agentctagt ncagctgaag ccagagactg ggtggatcaa ataagtttct tgttaaaaga 360
 tcttagctcc ttaaccattc ccttcgaaga ggaggaggag gaagaggagg aagaagagaa 420
 agaagaggaa naaatgnaca atgacgtcga tggctttgac tccccaaggt ctggctccca 480
 gtgcagagcc atggccttgc ctgagcctac tgagaaagag gaggacattt at 532

<210> 715
 <211> 326
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(326)
 <223> n = A,T,C or G

<400> 715
 gcttctgcaa agagagtccc agccttgcca cgaggcggaa gtgactgagc tgccacatcc 60
 ttcanngtgg agacatccag aagacagaca acttggccag agggaaatga aggtgaagag 120
 aagccgagga gattggaatc tagtgccgaa tttgcatccg atgccgagcc taggangtca 180
 nagaagacct aggggtacaaa agaggaagna gcaaagggga agntcttcct tctgatcccc 240
 tctattaggt ggaggacctc gngngngaga cctccgcctt ctgctctgta tcgctgcact 300
 tgantaccat aagggggagc cctacc 326

<210> 716
 <211> 210
 <212> DNA
 <213> Mus musculus

<400> 716
 gccgcccgtg cgtggattgc cagcatttg aattcatgca gcgcgccctt caggacctac 60
 ggaaaaccgc ctacagcctg gacgcacgga cggagaccct cctgctgcag gctgagcgcc 120
 gggctctgtg tgccctgctg ccagctggac gctgaagatc tttggccagt gatattcctt 180
 gtcaataaat gcctgctagc aaaaaaaaaa 210

<210> 717
 <211> 495
 <212> DNA
 <213> Mus musculus

<400> 717
 aaaagcttca ctggcctgaa catgaacttg ctaagaagtt tgttctaaat gcagaagagg 60
 cattgatcac tgacagcaaa agaagctttt cgagtttgct ctctgggatt ctcaaggaca 120
 ctttcacaac tggaaccagt agttacaatg ttctactaca gagcaaggag gagaaaaagc 180
 accgttcaca aaagcggttt tcctctgcca gctccaaaca acataggaag cccagcaaata 240
 ctcttagctc ctctcatagc aaagatccta gcaggatgac agccctgggt cctgggacag 300
 gcgctggcac ttggtactgc ctagacgggc agtctgctgt ttttgttact agctcagtac 360
 caagtcctgt aaaggtcacc cgtgatatct ctattacagg aagcggccta gcactgccac 420
 ctaaaccaaa tagcaagggc aaacgacgca acctgacctg gcttccaaag ccaaagcaac 480
 agcctcagct gtgta 495

<210> 718
 <211> 147

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 718
atgagaagac gagaacaaag aaagttgata atgaactcaa ccctgtctgg aatgagattt 60
tggaatttga cttgaggggg ataccactgg actctttcat ctttccatgg tggattgttg 120
tcaanagatt ttgagacaat tggacca 147

<210> 719
<211> 303
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 719
gctctgggtg ctctaggatg agcgctacac atctgtggct tttgggtata aagactgtgc 60
ggcttattac caagccgcaa gcccaagaac caaggtagat gccatccaca cccctgttct 120
ctgcctcaat gcagcagatg accccttctc cccagtccat gccttccctc tgcaggctgc 180
ccagaagtct ccctatgtgg ccctgctcat cacaagctcg ggggtggccac attggcttcc 240
tggaaggggc tgatgccctg gcaacactgn tacatgaacc ggggactaaa ttaatatgcc 300
caa 303

<210> 720
<211> 391
<212> DNA
<213> Mus musculus

<400> 720
gtgttttgtc tgcattgtatg tcagtgtctc acaggcatgc ttgggtgccta cggaggccag 60
aagaggacat caggtccctt gtgagttaca gatagctgcg agctgccacg tgggtactta 120
gaattgaact caggttccct ggaagaacag ccaatgctgt tgacttggtc ttgcctcacc 180
acctgtcttt cctcagtcga tgagtgttgc cttagcaaaa ctccacgtgc gtctttatct 240
gacatcggtc tatcggtcag agtcttttga agaggcaaga agccgcagga atctctccat 300
ttatttctct ctatgagtct tgaccattgg agctcaacaa cgcattgtaa gtgaaccaat 360
acatgtgtgt cattatcgaa gaagaaaaaa a 391

<210> 721
<211> 525
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(525)
<223> n = A,T,C or G

<400> 721
gtaaaatatg aagttacaga ggatgtatat acttccagga aaaaacaaca ccagaccatg 60
atgcattatt tttgtgcact aaatactctt cagtacaaga agaaaatagc tttgttagaa 120
cctctactgg gatacatgca ggctcagata agtttcttta agatgggttc tgaaaatctc 180
aatggacaac tggnaaatt cttagctaac attggaacaa gtgtacagaa tgttcgaaga 240
gaaatggatg gtgatgtaga gaccatgcag cagacaatag aagacttgga ggtagccagt 300
gaccctttat atctgcctga cccggatccc accaagtttc ccatcaatcg aaatttaacc 360
cgaaaggctg gatacctaaa tgctaggaaa tcttcaatat tgcaagcaga gagtaaaaag 420

gaccatgaag agtggatctg tacaataaac aacatatcta aacaaatata tttgagtga 480
aatccagagg aaactgctgc acgagtgaat caagtctgct ctaga 525

<210> 722
<211> 324
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

<400> 722
attttatcat gtgggcatcc tgctgcaact ggttctgctt ggatggacag cctgnggagg 60
caccaccacc acagggagcc aggacacaag cctattccaa ccctgggtac agctccttcc 120
cttcccccgcc aggcctcgga cctagctgca aggcctgcgg ggtccatttc gcaagcacia 180
cccgggaagca gacctgcttg gactgnaaga aaaacttctg catgacttgn tcgagccaag 240
aggggaatgg gccacgcctc tgcttctctc gcctacggtt ccgagccacg gccttccagc 300
gggaggagct catgaagatg aagg 324

<210> 723
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 723
cctacaagga gaagatgaag gagttatctg ngctgncgct catttgctcc tgcttntact 60
ntcanectca cccgacacca tntacnagca tggcaanntg ganntaacca ngctgaacnt 120
gntcaaaaagg tgggnactac ccaccttttg agcaagttca gcctgggtta gtccaagctg 180
aattggcctc gctggccatt taaatggcgc gccctcgagg aattcgatn cggcgcgcca 240
tttaaatggc cgctattggc caattttttt gctttttacc ctggaangaa atacttcnat 300
aagcncctnt gntattttanc cccaatcttc acaagaaaaa ctgtaatctg tc 352

<210> 724
<211> 288
<212> DNA
<213> Mus musculus

<400> 724
aatccagcaa ctatcacgag aatactcctt agccacttca attgggataa agagaagcta 60
atggaaaggt actttgatgg aaacctggag aagctctttg ctgagtgtca tgtaattaat 120
ccaagtaaaa agtctcgaac tcgccagatg aatacaaggt catcggcaca ggatatgccg 180
tgtcagatct gctacttgaa ctaccctaac tcgtatttta ctggccttga atgtggacat 240
aagttttgta tgcagtgctg gagtgaatat ttaactacaa aaaaaaaa 288

<210> 725
<211> 108
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G

<400> 725
ccggctggac cccattatc cngggggggg gggatcgaaa cttgggcaan ggaggctcca 60

ccccctccca ntgatcttct gctcncatn ccggaactct acccgctc

108

<210> 726
<211> 457
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 726
gtgacggtgt tgcagtgacc atgncatagc gccttgactg cccgacaccn ngtaggggtg 60
caggactttg tcctgctgga gaatttncca gnagaggctg ccttcattga gaacctccgc 120
cggcggttnn gggagaacct catttatacc tacatcggtc ctgncctact ntngnncaa 180
tccctaccga gacctacaga tctacngccc ggcattctat ttnaacgggn nncgtgntag 240
nnagtannnt angacngtnc cancctcatt tngttngcac nggcttgaca ctgtataccg 300
ggcacttcgt actgagcagt cgagnacccg gcagtgatga ttntctgggn ngagagcggg 360
ggcaaggcaa gacagaggca cacaagaagg gagggnaaga ctttgccctna gtanganaga 420
cttgaagcaa atcctaaagt gaagccccgc ccctcag 457

<210> 727
<211> 478
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(478)
<223> n = A,T,C or G

<400> 727
gaactgagga ggctgtgcat aggtgttctg cagaccatga actgatcact agtccccaga 60
cattcatgag cacagtgtga ggctcctgac ccacntccaa gntctctnng nnctctntga 120
ctaagenacc tccngngnnt acnnctanan gccacgatnc naatcctgcc ntntngttac 180
tgnnnittgc aatagagacc ttccacatgt nagagggtga accngacaan aaacggctnc 240
gancggagtg ggnngatcga tatggaantg agatnctatt tttntcaaan actatngcaa 300
nantgntcga ctnagnccgc cccggactgg gacaangtgc ntgctcaagt acacccgagt 360
acaacgagcc acaacgagag ccgcaccaa tgctgacatc atcgagacc tgagggaaga 420
agggttttca acgggctgtg acagcccaga gccggatggg gaggactcac tggaatta 478

<210> 728
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 728
ggagatgtct gcttgnccat gactggctgn cttegnngac tgaggntcat acgtgccngn 60
aaacaatcct aangctgccg tncctannaa tcacatccca ngctagactn gacntcana 120
cctgtnaacc canacgggcc anaaacaagc ttaccagtna gtttggtctc aggancagg 180
gtgtgagccc ttggngctgg ggctattgga ttggcctacc tacatcctca acagtctcca 240
ctctgcctga atgacctga gggatatcaga aagccctaca ctgttggtac ctgggcccca 300
acatactgtg aacggaaatg ggccttcttt cttttcctat aggttatattg ctggcagttc 360
tattaaactt gtttctaaga gaaaaaaaaa 389

<210> 729
<211> 337

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 729
gaactgaggt cgtctgtatn acaacataaa cttccagcga aaatcagttg tgggatttgt 60
ggagctgact atatttccca cagttgccaa cttgaataga attaagttga acagtaaaca 120
gtgtagaata taccgagtcc ggatcaatga cttggaggcc cgctttttatt tataatgatc 180
caaccttaga agtttgtcac agtgaatcga aacagtaagt tgggcacgtt aagaagctgc 240
tgtttgtacg tcctcctgtc actgttttca gagattgttt ttcaacaaac tttcccatc 300
ttattgtaat aaagctatgt gttgtataaa aaaaaa 337

<210> 730
<211> 362
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(362)
<223> n = A,T,C or G

<400> 730
gaactgagga ccttggcacc atggttacct tgaaccgata tgcaacgtga cctcaaggat 60
ccagctactg gctgcatcaa gcanactgct nnntcctgct ncaagatgga atgaancnac 120
tnttctgntt atgaanagaa ncctgnntga ggcnaacgaa ccnttgannc actgcaccgc 180
ctnncagncg ctccanacca ctcatntcan naagctcagc ttttttntac tccaggntta 240
angcagcatt ancacttcat tnntattctg ctttttgaaa agcagtgatn agatgaacat 300
ttgatcttcn ctgtttatca tcantnttt actttggagg ananagcttg gaagataagc 360
ca 362

<210> 731
<211> 434
<212> DNA
<213> Mus musculus

<400> 731
gaattgaggc tgcttctggg acaacggcca cctgtaccgg gaggaccagc cctcgcccgc 60
gccgggtctc cgctgcctca actgggttggc cgcgcaaggc agccgcgagt cgctcaccga 120
gcccagcccg ggcaaccaca actactgccg gaaccgggac caggaccgcg gcggggccctg 180
gtgctacatc agcagcgaga ccggcgctccc tgaaaagcgg ccctgcgagg acgtgagttg 240
cccagagacc acttcccaag caccaccgcc atcctctgcc atggagctgg aagagaagtc 300
tggtgcacca ggtgacaaac aggcacaggt gttccctcct gctaacgccc taccagccag 360
gagtgaggca gccgaggtgc agccagtgat cgggatcagt cagcttgtga ggatgaactc 420
caaggaaaaa aaaa 434

<210> 732
<211> 515
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(515)
<223> n = A,T,C or G

<400> 732
gaactgaggt gcgatgcctc tgcctctggc gttgtgaggc cacttgcgag tatttgaaat 60
gctggttaat tccggactga gtggactcac ctgtgacctg gaaaggggcc tgaatgagcc 120

gntgctgaac	gcccctgagc	agctcttnca	tctccttctg	gatgttgcag	acgacctcct	180
ccatcaaccc	tacatcagct	atcccccttc	agaacatcaa	agtgtcctct	ggcacaaacc	240
ggatgagaca	gaaggggagc	agacacatta	cccagaaacc	tcagcacatg	gctacaacgt	300
tcatttccat	tccaaaggat	tctgtgttaa	aacatgaaag	actggctgct	tccacaagtt	360
ggacggttgc	tgggggtgag	aggagatgat	cccagttaca	tcagtgctca	tgtttatgag	420
gaaaaccagc	agaggtaaca	aaggggtcta	taaccctgag	ctgtacggga	aagtacctga	480
aatctcttca	gactctttct	ttataccctc	ctctg			515

<210> 733
 <211> 142
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(142)
 <223> n = A,T,C or G

<400> 733						
gaactgagag	ttctgatggg	cagtccacag	naagacggcc	ttgcgtctgt	gggtgttgga	60
gactccattc	taaagatata	aaaagtgaag	gagnggaagg	ccacctntct	acctcaatac	120
gantcattat	ttgttcta	ga				142

<210> 734
 <211> 475
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(475)
 <223> n = A,T,C or G

<400> 734						
gactgagacc	tcctcaaaga	aggcatgctg	accaaacaga	acaactcgtt	ccagcgatcc	60
aagaggaggt	actttaagct	tcgagggcga	acactttact	atgctaaaac	tgcaaagtgc	120
attatatattg	atgaggtaga	cctgactgat	gccagcgtag	cagaatccag	caccaaaaat	180
gtcaacaaca	gttttacngg	tcatactcc	atgtaggaag	ctcatcttgn	gtgccgacaa	240
caggaaagaa	atggaagatt	ggattgcagc	actcaagact	gtccagaaca	aagagcattt	300
tgagggttaaa	aganangcat	atntgtctat	gggagcctgc	tgangnctct	cctgccttca	360
ttctgatcca	ccccaccaa	ctccaccctt	cacccccaga	gtattcttcc	ccaggggacc	420
ccagnatntg	tcctngtaaa	atngagnncc	catggcttct	ttcttttgat	aggac	475

<210> 735
 <211> 130
 <212> DNA
 <213> Mus musculus

<400> 735						
gaactgaggt	tcgtcttggc	accagaacaa	ggcactgcaa	catcaggcct	ttgccctaaa	60
cagctcacga	tgccaggaac	tggccaatta	ctactttggc	ttcagtggat	ggtcgaaaag	120
gatcatcaag						130

<210> 736
 <211> 365
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(365)
 <223> n = A,T,C or G

<400> 736
gaactgaggt gcaggngtcc ggggcaggcc cgggacaagt cctacttact gccaccacag 60
nccaccaagc agttcctcat cteccctccc gcctcacccc cegtggggtg gaagcagagt 120
gaagatgcaa tgccagtgat caactatgac ctgctctgcg ctgtctccaa gctgggccc 180
gnatngngga gatgaaggca cacaatttat natttgatnc naatgtcang tgtactgngg 240
nntgaganca tngcttnnan tgaaagagga gcgacagann gcaagaatgt gaccgcnagg 300
acactngnga ttacctntaa caaacgttga tgtttgaaac taataaagaa ttggtgcttt 360
ttaag 365

<210> 737
<211> 415
<212> DNA
<213> Mus musculus

<400> 737
gaactgaggt aaatttgcta tgctagatta cactcettca aatgtcccgc tgggtgaatac 60
tgggtctaaag acgtctgttg caagaactgt tctgcaggta catttgtcaa ggcgccctgc 120
gaaatccccc atactcaagg acaatgtgag aagtgtcacc caggaacatt cacagagaaa 180
gataattacc tggatgcttg tatactttgc tccacctgtg ataaagatca ggaaatgggtg 240
gccgactgct cagccaccag tgaccggaaa tgccagtgcc gaacaggctt ttactactat 300
gacccaaaat ttccagaatc gtgccgccc a tgtaccaagt gtccccaagg aatccctgtc 360
ctccaggaat gcaactccac agctaact gtgtgcagtt catctgtttc aaaaa 415

<210> 738
<211> 524
<212> DNA
<213> Mus musculus

<400> 738
gaactgagga tctcatctgg cggtcgggta ctggaagaag cgagggggag agcgcaccgt 60
tgcagagaga cggcaagaga aaaggagagac tgagagtcgc gccacgccgg cgccccaaga 120
cccaggagga gcccgagca gttagggtgt gctgggaatt cteccctccc ttttgctcca 180
caatgccttg gtgagcggtc acggcgaccg agctactggt ggaagaattg gggctgagat 240
gtcgcggcgg gtggccgcag atggggatgc tggagaagga aggagtac ctcaagtctg 300
caatctgtgt cggaaagctg gtccggcctg ggagggcggt tgcagcaccg gccgcttcg 360
gatctggtg actgatcggc tttaaacact tccctagat acccctccc attccctgtt 420
gcgttccctc tgccttgcgc caaccgctt gctaaaacag ctgagtggcc aagctgacaa 480
taaaatctca tgcctttgcg gtgaggggca ggggtcatga ctca 524

<210> 739
<211> 439
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 739
ggctcagtgg ataaaggcac ttgctgccaa gtttattgat ganaangang angnngnnac 60
cnacgtanan acagcnncca gactcacttn tgcnnnctta ntgacctgta cgtgcatgct 120
gggacncact gtacacnctc acacnaatgg acnngaccca agatgncaca cncangngg 180
ggganannaa tacacngatt cacngagnca taatagggtg cttgcgtact nnntgnnac 240
ancatggnag gaangacagc catgctcctg gcactgcaga ggccagatgt tgtggaacga 300
ttggttggtg tanacataag cccggtagga accacacctg gatcacacat tggagccttc 360
atagcagcca tgaaggctgt tgagatccca gagaagggtgc cgcactccca agcccgaaaa 420
ctggcggata agcagctta 439

<210> 740
<211> 253
<212> DNA
<213> Mus musculus


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<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 740
aggcacaagg gatggaccac caccngctca gccgaccacg ggagagagtg ctgctctcct      60
atctctcccc atagagaaaa caacaggtnnt nttcaagcca gtgncaccga gctccactga      120
ntgtacaggc agcagctaca gccaaaagca ggccactcac gggaaagtccc ttacagaacc      180
tgntcaggtc acccaggcta agatactaaa tatctttcaa attacacata ttcttgaggt      240
aaaaaataaa caa                                     253

<210> 741
<211> 136
<212> DNA
<213> Mus musculus

<400> 741
agaggagagc cagcacgcac catggcaccg gccggacaca tcctcacctt gctgctcttg      60
ggtcacctgc tggaactctg gaccccagggt cactccgcga acccctccta cccaggcta      120
cgctgtgcac ataaag                                     136

<210> 742
<211> 512
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G

<400> 742
cggacagaac tggactttca cgtttgactt ctcttttttg agccaagaag aggatctggn      60
atgggcnnga gctncggntg cagctgccgg gcccctatgga catacccact gagggcccac      120
tcaccattga cattttccac caggccaagg gggatccaga gcagggaccc cgctgactgc      180
ctggagcgca tttggatgga gacgttcacc gtcattnctt ctcaggtcac gtttgcctca      240
ggcagcacag tcctggaggt gaccaagcca ctctccaagt ggctaaagga ccccagggca      300
ctggaaaagc aggtgtccag tcgagcagaa aagttgttgg catcagccct acaccccacc      360
tgtacctgtc gccagcacca atgtgctcat gctctactcc aaccggcctc aggagcagag      420
gcagctaggg ggcgccactt tgctttggga agctgagagc tcctggcggc cccaggaggg      480
acagctgtct gtagagaggg gcggatgggg ca                                     512

<210> 743
<211> 487
<212> DNA
<213> Mus musculus

<400> 743
gaactgagtt cctgaagaat tcatgtacaa ccctttaacc agagtttatg gagaacctca      60
caaaagacct gaagtccaga atgctactat tgagtttatg gctccttcag aatacatgtt      120
acgaccacca caacctccag tgtacctctt tgtatttgat gtatctcaca acgcaataga      180
aactggatac ttgaattcag tttgccagag tttgttagac aatctggatc tgcttcctgg      240
caacactagg acaaaaatcg gtttcataac atttgatagc actatccatt tctacagtct      300
tcaggaaggt ctctcccagc ctcagatgct aatagtttca gatattgacg gtatgtgtta      360
tactcaaact cactcaactt cctggagaat tgtccctttc agaaatgttt cctgaggtct      420
ttgatgtgtc aggaatgtgt gacatgactc tagtataata aagagaaatc atttggaaaa      480
aaaaaaa                                           487

<210> 744
<211> 359
<212> DNA
<213> Mus musculus

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<220>
 <221> misc_feature
 <222> (1)...(359)
 <223> n = A,T,C or G

<400> 744
 gtgagccacc actctnagnt cctgccgccc tcattgngac cttgggtcct cagcncatgc 60
 tcgcacttgt gactacagac ttcccagctc tagaactacn tgctaagnct gagngcccgc 120
 agacagatct naagagggca tcagatcact tggaactggt agttnaagac agctgtgagt 180
 cnccatggag atgcngggaa tggnaactag gccttctgtg agagcngcag nntggcatag 240
 ccgcctctcc accncagagt tttaaacata nataccctac cgattcncaa ctgcncctgt 300
 cgtgcaagtg tgcagtcctc tagntcgtg tttctacttc cctttttaag aaaaaataa 359

<210> 745
 <211> 130
 <212> DNA
 <213> Mus musculus

<400> 745
 tctcaaagtc ataatcctca cactccaact tgtattaacc caggctccca tttgctgaag 60
 taaaagtact gagttttcca cttaccagta cttttgagta ctgtagcaag tggctgggtc 120
 ccattaaaaa 130

<210> 746
 <211> 349
 <212> DNA
 <213> Mus musculus

<400> 746
 gaactgagaa aaatattttg acaaaagaag agactactta aaattcaagg aaaaatttga 60
 agcaggagga ttccagtctt cacagtcgac ctgaaaattc ctaggctctt tctggacttt 120
 cacacaagtg gaatttactc ctctggactt gcagaaatga ttccaggaca aaagcagctt 180
 gagtcacagt gtgtatcagc acttggtctc tgtaaacaag agttactaaa ttggtggaat 240
 agcaaaagat ctcatcatcc aaactatgaa ggactgcctt aattaaagtg agggatctat 300
 tctaagaaaa agcataaaat cattatataa aaagtttatt ataaaaata 349

<210> 747
 <211> 215
 <212> DNA
 <213> Mus musculus

<400> 747
 gactgagaga agctgatggt ccagggcatc taaccaaagt ggtagaagaa tcaaagcttt 60
 caaaagaaaa tcaggcaaaa gcaaagggaat ccgacttata agacactctg agtccaagca 120
 aggaaaaaag cagcgacgac actacagacg cccagatgga tgagcaagac ctaaatgaac 180
 cccttgctaa ggtgtctcta ttaaaaggta tttta 215

<210> 748
 <211> 454
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(454)
 <223> n = A,T,C or G

<400> 748
 actgagtttt gtggctaagc ccagactgct tgagtgaaac agccttcagg gacgttccat 60
 tctttcgttt atcccagtgc ttacaacca aaaacaaaat tggattgcca caagtcggcc 120
 actggctgag gaagtgcact cggncctga cacaaatgca tcagtcagga gaaagagcca 180
 gcttctcagg tgtcttcaga gaaggccaga ctgacagctg cggtcacca ttgcagtgtc 240
 agcagcnatt tcatggactg gaagtgcctt ttggtacttg atccagaaaa ctgtttctca 300

atctcttaag	aggtganggc	nggatcntga	nctntaanaa	ccataaaggc	ttccgtgcat	360
atangtgacc	cacaagagct	ggataaactg	cacctgagca	gaagtgcagg	actcccttgg	420
nggctctgnt	ttanataaga	aagtgtattt	tttg			454

<210> 749
 <211> 241
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(241)
 <223> n = A,T,C or G

<400> 749						
aacattgcca	tcgtgaagcc	aggcaaaaag	ggacagccag	ccgttatcat	ggcagtggat	60
cctcgatacc	ggggcagagt	gagcatctct	gagtcagct	actccctgca	tattagcaat	120
ctgacctggg	aagactcagg	gctttacaac	gcccaagtca	acttgaagac	atctgagtcc	180
cacatcacga	agtcttacca	tctccgtgtc	taccggaggc	tgtnaaagcc	ccacatcact	240
g						241

<210> 750
 <211> 466
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 750						
gaactgaggt	tttgtgtgga	cagtaatgac	cgcacgtttc	cgattgcctg	ctggcagaac	60
ctacaatgtc	cgagcatcag	agttggcccg	agacagacag	catacagagg	tcgtttgcaa	120
cattcttctt	ctggataaca	ctgtacaggc	tttcagagtt	aacaaacatg	atcaggggca	180
agttctgttg	gatatagtct	tcaagcatct	tgatttgact	gagcgagact	atcttgggtt	240
acagttggct	gacgattcca	cagataaccc	aaggtggctg	gatccaaaca	aaccaataag	300
gaagcagcta	aagagaggat	caccttacia	tttgaacttt	agagtcaa	tctttgtaag	360
tgaccccaac	aagttacaag	aagagtatac	aaggttggtt	tatggaacta	tttctttnga	420
aaacattatc	ggagatctaa	tatgaaaaat	aaaattaact	aggcca		466

<210> 751
 <211> 504
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(504)
 <223> n = A,T,C or G

<400> 751						
gactgaggca	ttgccttttg	gcactcgggg	agnaagatgc	agcagggttc	gtctcagaag	60
taatggctgg	atccctgaaa	gccaacgggc	tcggtgtggt	ccacccgtca	gaaggcatag	120
gtagatgggt	ggcatctgcc	tcagacatag	ttctcaagtt	cagccagaag	aatgcagcgt	180
tgagccctct	gcagcccgtg	tcgacggagg	tggtgtctcc	aggaagcatc	atggaaaggc	240
gtgggtgggt	acaagggcct	tcaggatgcc	tgccgctggt	gacggntgcg	cctcagggtc	300
tgggcctgac	tcggaagggt	gcctgtgagc	agaagagctg	gcacgcgcag	ctcagtggac	360
catcagtgcc	aacccgtcct	gtaccctggc	tgaggggtgt	gctaannngc	anattcctgg	420
ttggctcctn	gtaaggcgng	gcacaaaatc	accatcgaaa	gaaagggcct	tcggnatgcc	480
ttctgtctgg	atattgccct	gtag				504

<210> 752

<211> 532
 <212> DNA
 <213> Mus musculus

<400> 752
 gaactgagaa agtgagtgag aaggtgggag gagcggaagg caccaagctc gatgatgact 60
 tcaaagagat ggagaggaaa gtggatgtca ccagcagggc tgtgatggag ataatgacaa 120
 aaacgattga atacctccaa cccaatccag cttccagggc taagctcagt atgatcaaca 180
 ccatgtcgaa aatccgcggc caagagaagg ggccaggcta ccctcaggcg gaagcactgc 240
 tggcagaggc catgctcaag ttcaacctct tggagatgga tatagaacag gtgagccagc 300
 tctccgcact tgttcaggct cagctggagt accacaagca ggcagtgcag atcctgcagc 360
 aggtcactgt cagactggaa gaaagaataa gacaagcttc atctcagcca agaagggaat 420
 atcagcccaa accacggatg agcctagagt ttgccactgg agacagtact cagcccaacg 480
 ggggtctctc ccacacaggc acacccaaac cttccagggtg tccaaatgga tc 532

<210> 753
 <211> 367
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(367)
 <223> n = A,T,C or G

<400> 753
 gaactgagta gcgctgggga cctgtgaccg cngcatccag ctaaccatgg gacagnttgg 60
 ctctgntcac cagcccctta ggagaggact ccatcaaggn cccactgcnn attccncatc 120
 atgnaggccg anaggatcct tccagccagg ggagctgncc tttgaaaacc naggncgngt 180
 actgctggtg ntccntgcca nccaccttca ngagaggctc ctgttntctg tggcccacgg 240
 atggggaggn gggccctgga cgnagncttt gtgtggaagg nagctctgac cctgggngctg 300
 accttctata ctactgcttc tncataggca ncacgttcta cnacaaatgg ntgacaaaga 360
 gcttcta 367

<210> 754
 <211> 389
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 754
 taagcagtac gctaattggac atagacagca caattttccag tggacgctca accccggcca 60
 tgatgaatgg acaggggagc acgactgctt caagcaaaca cattgcctat aactgttgct 120
 gggaccagtg ccaggcatgc ttcaactcca gccagacct ggcagaccac attcgctcca 180
 tacatgtcga tggtcagcgt ggaggggtgt tcgtttgctt gtggaaagggt tgcaagggtgt 240
 ataacacccc gtcaaccagt cagagttgnc tacagcggca catgctgaca cacagtggag 300
 acaagccttt caagtgtgna gttgntggnt gcaatgccag ctttgcttct cagggagggc 360
 tagntcncca tgtacceaca cacttcagt 389

<210> 755
 <211> 797
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

<400> 755
aagtaaaact gagggnaag tcctccatac caaggaccag gctaaaacca gattacactg 60
cccctccctg ggccctattg acttaaagca gccactgtaa tcatgggcaa tatctttggg 120
aacctttctga agagcctaata cggcaagaag gagatgcgca tcctgatggg gggcctggat 180
gctgccggga agaccaccat cctctacaag ctgaaactcg gggagattgt caccaccatc 240
ccgaccattg ggtttaatgt ggagacagtg gaataataaga atatcagctt cacagtctgg 300
gacgtagggt gccaggacaa gattcggccc ctctggagac actacttcca gaacacccaa 360
ggcttgatat ttgtgggtga cagcaatgat cgggagcgag tgaacgaggc ccgggaagag 420
ctgatgagga tgctggcgga ggatgagctc cgggatgctg tgctccttgt gtttgcaaac 480
aaacaggatt tgccgaatgc tatgaatgct gctgagatca cagacaagct ggggctgcac 540
tccttgcgtc accgcaattg gtacattcag gccacctgtg ctaccagcgg ggacgggctg 600
tatgaaggct tggactggct ggccaatcag ctcaaaaaca agaagtgaga gccaggcagc 660
cctctctgac taccaccacc actcctgaca cacacctgtg gnctccttac cccaattttc 720
ccttcttctt ntttgaaagt ggccaaggtc ctgggtatca tgtccacatg cccagcaagc 780
gccttgcctt tctcctc 797

<210> 756
<211> 452
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 756
attgttatct aaagaagcta tcctaacag attttactac caacacagca gtcgaattca 60
gccattatt ttggttgctg aggaaggctg gacaatcacc ctgaacaagt catcatttaa 120
attaggtgac catggctatg ataattccct gcctagtatg cacccggttc ttgctgcca 180
cggacctgcc tttagaaaag gttacaggca gagcaccatc aacactgtgg atatttatcc 240
aatgatgtgc cacatcctgg gactaaaacc acatcctaata atggaacc tcagtcatac 300
caagtgcttg ttggtggacc agtggtgcat taatctccca naagccattg gaattgttgt 360
tanngcacta ttgntattaa ccatgctaac aggctgatg atattnattg nggagcagan 420
catnccacat cccgnccatt ctcccgctct ca 452

<210> 757
<211> 247
<212> DNA
<213> Mus musculus

<400> 757
agtgggcata tgaacagtgt gcaactggga gaaacttgtc tccccggcca ttaggactag 60
tccttgaagg ggttccttca aacttgagcc atttacaggt accacgcgga gcctgagaaa 120
agaaaaacca taaagaccgc cacactcaag atggcggttg actcggcaag cgtggcagtg 180
acgtggcgac tcggctcacg ccgaacaact tcaaaatact atattactcc atttttaaaa 240
aaaaaaa 247

<210> 758
<211> 108
<212> DNA
<213> Mus musculus

<400> 758
gactgaggct cagacaagag aaaagctcta gaagagacca aagcatatac aactcaatct 60
ctagctagtg ttgcttatca aataaatgca ttggccaaca aaaaaaaa 108

<210> 759
<211> 468
<212> DNA
<213> Mus musculus

<400> 759

tgagcaccat	gaaggtgaag	gagacaaact	caaagccaaa	gttggcaagc	cgtggcacgt	60
tccagaggaa	gggcatcaag	attgtgggga	aatggaagca	agtgacgac	gacccgaatc	120
tgtttgcaga	tggaacagatg	gatgacctgg	tgtgctttga	agagctgaca	gattaccgtt	180
tagtcaagaa	tccctcccgt	ttgtttctcaa	gtgaggagac	aaagaagaga	aaggcccagg	240
ctgtttcaga	agaggaagaa	gaggaggaag	gacagtccag	ctccccaaag	aaaaagatca	300
agttgaagaa	gcagagagat	gcggcacgag	ctgccgaagg	cgtgctgcc	cagaatgagt	360
atgaagtcaa	agcgtccgag	ccagaggctc	agggagaagt	cactgcttgt	tctgatcaaa	420
aggtcggagg	agccaaatca	gaaagcctgg	cccaggctgc	tccaagaa		468

<210> 760
 <211> 153
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

<400> 760						
ctcttatgaa	ctcctagaag	gcagngacat	ctactttcca	gagattgtga	agcctccccg	60
gaatccagag	ctagttgccc	ggctagagaa	gattaagata	cagctagcca	atgaggagta	120
taagcaggat	cactcgcaat	gtcacttgtc	agg			153

<210> 761
 <211> 495
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

<400> 761						
tgaggacttg	ctgaaaatga	atattgatat	gaacaagcat	cttgtgactg	gttctgttca	60
agccaaggta	ctgaaatggg	gtgaagacnt	agaagacttg	atgtcaccag	actacatatt	120
gatggcagac	tgtatatact	atgaggagtc	cttggaaacca	ctgctgaaaa	cattaaaaga	180
tctcagtgga	tctgaaactt	gtattatatg	ttgttacgaa	caacgtacaa	tggggaaaaa	240
tccagaaatt	gagaagaagt	attttgagct	cctgcagcta	gactttgact	ttgaagaaat	300
ccctttggac	aaacatgatg	aagaataccg	aagtgaagac	attcatattg	tgtacatcag	360
aaagaaaaag	ccaaaaccgc	catcatgaag	cgtttctcca	tcttagccac	gccccgcaac	420
atccctgggt	aaggtcaaga	tgtgaacgga	gcatgtgcat	acccgcatgg	aaaactgcct	480
cacagatttc	tccag					495

<210> 762
 <211> 420
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 762						
agactgagac	agctagcagc	ggtgcctgag	ttccagggca	ctagggcctc	tcttcaagtc	60
ctctcctgag	ccagtggccc	tcacagagtc	cgagaccgag	tatgtcatcc	gttgcaccaa	120
acacaccttn	tctgatcact	tggtgttcca	gnntgactgc	acaaacaccc	tcaatgacca	180
gactntggag	aatgtcacag	tgcaaangga	gcccactgag	gcatacgaag	tgctctcgta	240
ngggcctgcg	cggagcttgc	cctacaacca	gnctgggacc	tgctacacac	tantggctct	300
gcccactgaa	gacccacag	ntgtggcatg	cacgttcagc	tgtgtgatga	aagttcactg	360
ttaagggact	ggngatccca	acaanaggag	aantcganga	aagaaggcta	tgaggatgag	420

<210> 763
 <211> 286
 <212> DNA
 <213> Mus musculus

<400> 763
 gaactgagac ccattgtgcc gaaaatcttc tcaaggcgga cacttaccgg aagtggcggg 60
 cagccaaggc aggagagaag accatctctg tggtcctaca gggctggaga gatggctcag 120
 cgggtaagag cactggctgc tcttccagag gtcctgagtt caattcccag caaccacatg 180
 gtggctcaca accatctgta atggaatccg atgtcctctt ctctgtgtgc tgaagacagc 240
 tacagtgtac taatatacat aaaataaatg aataaattaa aaaaaa 286

<210> 764
 <211> 131
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(131)
 <223> n = A,T,C or G

<400> 764
 gagatctgac ccttgcanac cggcctggng gagggaaatg natacnntg anaangnan 60
 tcacttcttt tctgctggcc ctctaagaca ttntgcttc atatttataa acnaaataaa 120
 cttaaagccg g 131

<210> 765
 <211> 408
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(408)
 <223> n = A,T,C or G

<400> 765
 atatacccta gcagacatcc tgatgttcga gagtcactag gtccccctgtt ggccccctacc 60
 cctctccgtc catggcccca gatgacactt cagggcttct ctgtgtatcg atggntgtcc 120
 tanaacttgc tctgtagacc aggctggccc caaaatcaga gctttgacct gcctctggct 180
 cccaagngca gggattaaag gcgtggggca cctctgtcag gctgatacac tgtatctcat 240
 ggatatgtct cttaactttt taatagtccc tcagtttctt cattccactt taattactaa 300
 tccctgtttg tcaagtacag tttgacagag tctgagtttg cttgattaga ttcagggttaa 360
 aatccgnttc ttactctatt aaacaaagnt taaattacaa aaaaaaaaa 408

<210> 766
 <211> 191
 <212> DNA
 <213> Mus musculus

<400> 766
 gaactgaggg ttccaagact gcccttttgtt attcaaacgg gagccgcttt ggactgactg 60
 gctgccttcc tcctcctccc cctcctcccc cttctgcttc agatttatatt attatatgta 120
 agtacactgt agcagttgta ggacacacta gacgagggca ccagatctca ttgtgggtgg 180
 ttgaaagaca c 191

<210> 767
 <211> 471
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(471)
 <223> n = A,T,C or G

<400> 767
 aatacacaaa ctcgagctac ttctaaacta cctgttaaata ccaaagaagc ggatttgctt 60
 agacatcttc atccaggagg gccagagcct gatgttataa aagtcaccaa atcgagacga 120
 gagaatgggc aggtgaaagc ggcagagact gccagcagga ggaacctcag aaacagctac 180
 aaaccgttta ataagcaaaa accggaggag gaactaaagg ataaaaatga gctgctggag 240
 gctgtcaaca agcagttaca ccagaagctg acagagactc agggagagct gaaggacctg 300
 acacagaaag tggagctact gggagaagtt tcaggataac tgcttagcac ttttggagag 360
 caaaggcttc aaccaggcc aagagaccct ggcataaag caggaacca ccacagatca 420
 cacggactcc atgctgntgc tcgaaacttt gaaagacgaa ctgaaggttt t 471

<210> 768
 <211> 219
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

<400> 768
 tgacatgtga gcttgggggtt atactgtgcc ataattaaca ttgccttgac nactntggac 60
 accgagactg gcctcataag tagaaggctt tntttttttt tttttaanac agactcncca 120
 tnttnntgna tatgcgaaag nantttggtc cncaccccc tctntgggac anaaactntn 180
 tgtgtancct tgggtgnana ccaccgtagg ccttgaact 219

<210> 769
 <211> 423
 <212> DNA
 <213> Mus musculus

<400> 769
 gaactgaggt gactcctgct caggtcacgc cgttatctgc tgatccagcc ggccctgcca 60
 ggtgaccatg tctgtcctcg gccaggttct tctccagggtg ttctgggccc ggtgtgtcgt 120
 caccctgcgg tcccctctgc cagctgcttt cactgccaat ggcacacatc tacaacactt 180
 ggcaaggagc cccaccacag gtaccctcta tgtaggggccc accaacttcc tgttccagtt 240
 gagccctggg ctgcagctgg aagccgtggg gtccacgggc cctgtgaatg acagccggga 300
 ttgcctgcca cctgtgatac ctgatgaatg tccccaaagcc cagcctacta acaaccctaa 360
 ccagctgctc ctggtgagcc cagaggctct ggtggtgtgt gggagcatac accagggcat 420
 ctg 423

<210> 770
 <211> 554
 <212> DNA
 <213> Mus musculus

<400> 770
 gaactgagat gatgactttg accagtttga caagcctggg gcagaacggg cctggagaag 60
 aagagctgct gacgaggact gggacagtga actggaagat gacttgcttg gagaagattt 120
 actgtctggc aaaaagaacc agtcggattt gtcagatgaa gagctgaatg atgatctgtt 180
 acagagtgat aacgaagagg aagaaaattt cagttctcag ggtgtcacca tcagtctgaa 240
 taccacctct ggcatagtta catcatttga gctgtctgac aacaccaatg accaatccgg 300
 agaacaggaa tctgagtatg aacaaggaga tgatgagcta gcctaccaca aacctgagga 360
 acaagaactg tatactcaag agtaccacga ggaaggacag tatgaaggcc atgatgcaga 420
 gttgacagaa gaccaaataa aatatgggga tgagccagag gaggagcagc tgtacagtga 480
 tgaagtgtct gacatcgaaa tcaatgaacc tttagatgaa tttacaggag gaatggaaag 540
 aggaatggga aacc 554

<210> 771

<211> 104
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(104)
 <223> n = A,T,C or G

<400> 771	
gactgaggca tactccagca cccagntggt acagttctga aacagctaca gccaccgcca	60
ngngngcccaa gagagctgga attttataacc atggtttact gctg	104

<210> 772
 <211> 456
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(456)
 <223> n = A,T,C or G

<400> 772	
gaactgaggc attttgtgaa agaaggaaga tcctgtctgc tgcattggata atggactgga	60
acacagaaaag accatgcagg gtctcggtgt agaaggccgg tatctccata ggccaganna	120
caccatcang atctcctggg actggagtta tanagggtgt gagctgccat gttgaaccaa	180
nctggttact gagggacaca ggcattgtga tggaaaccct gctgggagaa aaacantanc	240
tggtntgtcn ctttatagcc cncctnatga tgcaaganan aatcggctnc ncacaactng	300
nctctgacct ntncatgctt gctgtacctt gtgctcacc taccacaca cntcgnnat	360
catnatcaac ataacgtttt taaatatann aagtnatttc aaatatatgt gtataaatac	420
atntatanat aaatatgtga atacattaaa aaaaaa	456

<210> 773
 <211> 163
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 773	
cacacttttcg cgctcagcgt cgacggaggc tctgtggctc tctacgtaaa actgntgaaa	60
gaattccaga ggggtgccatt tgctcggggc tagcaggagc tggagctaga gcgtggcgct	120
ggncctctttg nggggtcagg ctggaacagg gagaccctga ctg	163

<210> 774
 <211> 400
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 774	
gactgaggac ttaagatgcc ttctttgntc atacaccgtt taggacatgg aagattttca	60
ggtcggtgga agacantgcn acccnagtga gcattncana tcatgtntaa agagaggtaa	120
gagatatgct gcanagtcca aagaacaaga tgggtgtggc tcagatggct ttacatatatt	180
caaganccaa gacccctgt ctgctacaac tctgctgtgc angccctgag cacanctgca	240

gctttctctg	acacaccatc	ccacagggac	tttctcacct	atacagtgtt	ctcatgtcaa	300
ataagatcgt	tgtacaaggt	ctttgttaca	ttgaaccctg	aattttattca	gttatgttaa	360
gngcaataaa	atacctgggt	tttgtacttg	cagaaaaaaa			400

<210> 775
 <211> 181
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(181)
 <223> n = A,T,C or G

<400> 775						
gactgagggt	ttctctgngt	agccctggct	gtcctggact	cactctgtnc	accaggaccc	60
nnacccaaga	gatctgcttg	cttttgcacc	tcangactaa	atctaangaa	agatggatac	120
ctacaatggt	gaatttgngg	actctgtttg	agcagcttgt	gcagccggat	ggagattatc	180
a						181

<210> 776
 <211> 172
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 776						
gatatccctg	agatggacac	agtccacctg	ngtggcctaa	ggatgcaggg	cagaggaact	60
gcccatgggc	agtggttcat	cggccaagct	gagagtgtgt	attttggatt	tccggtttgc	120
ggagatgctc	tcttccgggt	gttctgcccc	aaataaagga	cctggacaag	aa	172

<210> 777
 <211> 318
 <212> DNA
 <213> Mus musculus

<400> 777						
gaactgaggt	acaccaaatt	gaagaccgcc	ccaacatcta	catcttcaat	ctggcttttg	60
ctgatgcgct	ggccaccagc	acgctgccct	tccagagcgc	caagtacttg	atggaaacgt	120
ggccgttttg	cgagctgctg	tgcaaggctg	tgctctccat	tgactactac	aacatgttca	180
ctagcatctt	caccctcacc	atgatgagcg	tggaaccgta	cattgctgtc	tgccatcctg	240
tcaaagccct	ggacttccgg	acaccagcca	aggccaagct	gatcaatata	tgcatctggg	300
tcttggcaaa	aaaaaaaa					318

<210> 778
 <211> 453
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(453)
 <223> n = A,T,C or G

<400> 778						
gaaagcagtt	atgatgccgn	caaagccctg	cancgcctgg	tgaagaagcc	tgtgcccaag	60
ctgatcgaga	agtgtctggac	agaggatgaa	gtgaaacgct	tcgttaaggg	gctccgacaa	120
tactggcaag	aacttcttca	gaatcagaaa	ggagctgctt	cccagtaagg	aaaccgggga	180
actgattacc	ttctattact	actggaagaa	aacaccagag	gnnttcagct	nccgtgccca	240

ccgncgccac	cgcaggcagg	cagtgttcac	gaagaattaa	gactcgcaca	gcgtccaccc	300
ctgtnaacac	gccctncaga	ccaccttcca	gtgaattctt	ggacctgagt	tcaaatecca	360
gcaaccacat	ggtggctnac	aaccatcctg	taanagagat	ctgactccct	cttnctggag	420
tgtctgaaga	cagctacaag	cgtacttaca	tat			453

<210> 779
 <211> 571
 <212> DNA
 <213> Mus musculus

<400> 779						
ggtttcacta	tgtagaccct	ggtcggcctg	gaactctata	gaccagactg	gcctcgagct	60
cagatccgtc	cccctctgct	gtcccagcac	ggggattaag	aacgcgccac	cactacagct	120
gaccggagct	tcactttggt	tagacacaaa	cacaacacag	cttgtcgtca	aacaccgtga	180
catgaatgag	aaggaattag	aagcccagga	ggcacgaaag	gcccagttgg	aaaaccacga	240
accagaggaa	gaggaggagg	aagagatgga	ggctgaagag	aaagaagctg	ggggctcaga	300
tgaggaacag	gagaagggtg	gcagcagcga	gaaagaaggc	agcgaggatg	aacactctgg	360
aagtgagagt	gaccgagaag	aggggtgacag	agatgaggca	agtgacaaga	gtggcagcgg	420
tgaggatgaa	agcagcgagg	atgaagcacg	tgctgcccgg	gacaaagagg	agatTTTTTg	480
tagtgatgct	gattcaaaa	atgatgctga	ctcttgatga	tgaggacaga	gggcaggccc	540
acaggggcag	tgacaatgac	tcggacagcg	g			571

<210> 780
 <211> 145
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(145)
 <223> n = A,T,C or G

<400> 780						
cagcgccggt	ggctggcgac	ttcacggctg	nngacgtcat	gacgagcgag	gngattgang	60
atgacanana	gttttattn	anggccatga	cctactgtaa	gcagatccca	cccacgggtg	120
acggcatgct	cggggggaat	gtcca				145

<210> 781
 <211> 302
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(302)
 <223> n = A,T,C or G

<400> 781						
cagcacgtct	taaaacattt	actgctaacc	agattgatga	antaaaagac	ccttcaggac	60
tcttttatat	ccttcctttt	caaaagggat	acttgngaa	tngggatgnc	cagcgacang	120
nttgggatta	tctttttgga	aaagaaatgt	atcaggngga	gtctttanat	actaatatta	180
ntatnacaga	accatatatt	aactncactn	cnatccaaga	ntcantgaan	gaantcctat	240
tcgaagaana	ncagggtccaa	gcaggattaa	gagtaaattgc	cggggctctc	agcgcacaca	300
gg						302

<210> 782
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(182)

<223> n = A,T,C or G

<400> 782

tcattgaaca	catccaggtg	aacaaggcac	ctaagatgcn	ccgacgaacc	tacngagctc	60
atggncggat	taaccatac	atgagctccc	cctgccacat	tngagatgat	cctcantgag	120
aaggaacaga	ttcgttccaa	anccacnaat	aggaggttng	cacagaacaa	aaagatatcc	180
ca						182

<210> 783

<211> 453

<212> DNA

<213> Mus musculus

<400> 783

gaactgaggc	ctctaatttt	aagaagacaa	ccatggcatc	cagtgccag	agaaaaagga	60
tgagtcctaa	gcctgaactt	actgaagacc	agaaacagga	aatccgggaa	gcttttgatc	120
tctttgatgc	tgatggaact	ggaactatag	acatcaaaga	actgaagggtg	gcaatgaggg	180
ccctgggctt	tgagcccaag	aaagaagaaa	ttaagaaaat	gataagtga	attgataaag	240
aaggaacagg	aaaaatgaac	ttcagtgaact	ttttgacagt	gatgactcag	aaaatgtctg	300
agaaagacac	ttaaagaagaa	atcctgaaag	ctttcaagtt	gttcgatgat	gatgagactg	360
ggaaaatatc	attcaagaat	cttaagcgcg	tggccaagga	gctgggtgag	aacctgacag	420
atgaggaact	gcaggaaatg	attgatgaag	ctg			453

<210> 784

<211> 260

<212> DNA

<213> Mus musculus

<400> 784

gaactgagga	ttcccgagga	ccggtgcagc	agcctttgga	ggatcggctc	ttcccaccta	60
cgggtctctgc	agtctatagc	acggtccttg	tagtcctggc	tatcctggag	cttgctgtat	120
aaaccactgt	ggccacaagc	tcccagagat	gttcctgcct	ctccctccca	tactggaact	180
aaagctgttc	atcatcacat	tcctttcaat	aagcgtttct	ttaataatat	aacttggaag	240
ccatatgaaa	taataaaaaa					260

<210> 785

<211> 115

<212> DNA

<213> Mus musculus

<400> 785

gaagaagatg	gactcacatg	agcacaagtt	cagaaatgaa	tagtttgaaa	gtaggttctt	60
ggaaaataaa	taaataaata	aataaataaa	gacaatggaa	tggaaagaaa	aaaaa	115

<210> 786

<211> 400

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(400)

<223> n = A,T,C or G

<400> 786

actaactgat	gatgatgttg	aacagagccc	aggcaatgcc	ttatgtggat	cggcagaacc	60
gaatctgtgg	gnttctggat	attgaagaca	atgagaacag	tggcaaattc	ctccggagat	120
actttatcct	ggatacccan	nncaactgcc	tcctctggta	catggacaat	ccccagaacc	180
tggccgttgg	ggcaggagct	gtnggatctc	tgcagctgac	ctacntcncn	aaggttntna	240
tagntncccc	aaagcagaaa	cctaaaacac	cattntgctt	cnntatcaat	gccctgtctn	300
agagatnttt	tnttcaagcc	antgaccana	aagatctgan	ggactggggn	cnaagaentt	360
gnaccaagcc	canccaagat	tacctgtacc	caaagctgcg			400

<210> 787
 <211> 542
 <212> DNA
 <213> Mus musculus

<400> 787
 gaactgaggc acgggcagtg gttctgtatc ccacgcaatc atccgcagcg ttgccccac 60
 tggccaccta cacacagtag agttccacca gcaacgggca ggacaaggcc cgggaggaat 120
 tccaggagca tcggctgagc cagtgggtga ctgtgcacac ccaggatgtg tgctgcagtg 180
 gcttcggtgt ggtccacgtg gctgacgctg tcttcttggg tatcccatca ccctgggaag 240
 ctgtgggcca tgccctgggat gccctcaagg ttgaagggtg gcgtttctgc tccttctctc 300
 cgtgcattga gcaggtgcag cggacatgcc aggcgctggc agcccatggc ttcacagagc 360
 ttagcaccct ggaggtactg ccacagggtct acaatgtgcg cactgtcagt ctgcccttgc 420
 ccgacctggg ggccaacaac ttagagacca acatgggctc tgatgccagc cccttccgta 480
 gtggcacacc catgaaggag actgtgggccc acactgggcta cctgactttt gccactaaaa 540
 cc 542

<210> 788
 <211> 300
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 788
 aagaatcatg gtgagcaciaa ngaagaaata antgaagcgg ngccaggggg tggttcctca 60
 tgagatgnaa ggccaccana ggaaagcacc cannaaatga tggaggagga ggaagaaata 120
 ccggnaccta nttagcgggt ggcaccacca ggtgctccna agaaggaaca tgtnaatgtn 180
 gtgttcacg tacatgttga tgcnggcaag tcaaccattg taggacaaat aatgtatttn 240
 actggnttgg tngacaaaag gacacttgnn aagtatgatc ganaagctaa taaaaaaaaa 300

<210> 789
 <211> 359
 <212> DNA
 <213> Mus musculus

<400> 789
 gaactgagat ccctgctgtc tgaatggagg accacagtag gccacgggag gaggagaatc 60
 aagatgctgc agttgacagt caggtgaccc tctgaagctc atctgcctct tcaaccatca 120
 ggtctaggtg gctgtgctgt agactctgtt accctgtgac gtgctggtgc ggggagttcc 180
 atagggagga cgctccatgt cctggaagcc agaaatgggg ctggtgtcat ttgaggatat 240
 agctgtggaa ttcacctggc aggaatggca ggacctgaat gaaggtcaga gaactctcta 300
 cagggatgtg atgctggaga actacagcaa cttgctgttc ttggggcaca aaaaaaaaaa 359

<210> 790
 <211> 245
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(245)
 <223> n = A,T,C or G

<400> 790
 aatctcagga tgcacataag ntgctttggn ngacaccntg gaggaagana acgagaagga 60
 tctggtagag actagctaaa cgcnttaana gagaaaaaga gantgggtggc atcattaatt 120
 ntgnngaana ggangcgaac anaangaagc aganagnntt ngggagcaca ctgaatggca 180
 aggatggaac tgggtcccat ctagnagacag ngcctnctgg acctagcttg gctgatgctc 240
 tcatc 245

<210> 791
 <211> 533
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(533)
 <223> n = A,T,C or G

<400> 791
 atggagctaa tgcacccatc cgaagaacaa agaagagccc aaagcccggc ccttgagagt 60
 ggggtgacaca gaaaagccag agcctgaacg gtccccctccc aaccgcaagc gtcctgctaa 120
 tgaaaaggcc acagatgact accactatga gaagttcaag aagatgaaca ggcgctactn 180
 gaggcagcgg taggggctgg ataacgatgt gatgcacagg ggtgcgtttg tgtgcatgtg 240
 caagcgtggg ggcacacaca catgtcctct tgcataaaac ctgcttatta gctcttgagt 300
 tccccatcag atagtgtctt tgctcagtgg ctggatttct gttctgggtt tggttggaga 360
 ctgtagctct ctgtgtatcc taggccatga actccctcct cctccctact actgggattt 420
 tagaccccc accccctgca ttttcaagca ctaactttgt aactattngg aagaaaacaa 480
 tgggtgtctat gtctatctat attgtttccc taccctaggg catgacactg ata 533

<210> 792
 <211> 498
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(498)
 <223> n = A,T,C or G

<400> 792
 gactgagaca gctcagtgtg naanagagan gacggagaag ganatggaga nggagaanga 60
 naaggagnng angaaganna agaagacgat cancatgttt gatggcagac gtcttcttnc 120
 nncganctcc ctgtccttag gaaaagaggg aaacngatgg aacangnta taggcctaag 180
 acnggntttc tgtgtgtacc cctgncgtgc ttggaactca ctctgtagac gaggctgncc 240
 ttgnattcag aaatcnncct gcctctgctt cctgantgct gngattanag gcgtgcacca 300
 ccatgcceng ctggaattca acacttntat cttttgcttg gtgacttatt atagtttgct 360
 gagaaaaaaa gttcaatttc ttttgtttta aaattgtgaa tgcacatttg catatttgag 420
 acagcatctt gctatgtatc ccagtcctacc cttgctgttt tgttaaaata caagtaacaa 480
 acttgtcaaa aaaaaaaaa 498

<210> 793
 <211> 427
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 793
 aactgagaga cggaagcagc tacttgaggg gagccacagc tcagatcatg gaaatcagta 60
 tgcaagccca ggagaactgc aggagttggc atcatattca tgtannatca gtgntaactc 120
 tgggctacng agacgaatgt tggactacta tgtgtctcac tgacaagaca ctgnnggtca 180
 ncgatgggag acagaactca ccatttataa agatnaagaa ngaacaccac ccnactaaga 240
 tatgaaaaag gaagcacgan ggnaangctg agagaaacag atgctaccca cagggcagcg 300
 gagccatttg gttgttttgg tctttgtacc ancaactccc actcctgtga acggngtcca 360
 gttccagctg nactacacgg tttttccttg cagtcaaaac gcgaacaatg gacccactc 420
 ctccagc 427

<210> 794

<211> 446
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(446)
 <223> n = A,T,C or G

<400> 794
 gaactgagac tgaaggncct ttaccagagt ctctgctggt ctctcggat tcttcctcct 60
 cctcatcgtc atcggagtag ttcttctttg gggnccttct cgcgaaacgc ctgctttgcc 120
 tcattggccg agaaggatgc cgcctcagtc ttcggtgca gaagtcagtg tcgctgncct 180
 cattggatgg tggctcttct tcaacttcat ctggattttc atcagacaca acaaactcat 240
 cctgagatct gtccaggaaa agccagatac atcacgatgg tacacttaga gtttggtntg 300
 ntttggnaca ttgagaagng ataaccagtt ttcaaagnt ccaaacacat tgtaaagaac 360
 ccaggaaaac attaatgaaa tntaaagata tatttggaac attatgtcaa ctttgccaat 420
 aaaatgtatg ttctaccatc taaaaa 446

<210> 795
 <211> 219
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

<400> 795
 cttcacatca ttggnctgn accatangen tgnnnngntg gtnntctnca gngcctggac 60
 ccattgacca gccccctgag ggggaggatg agcacatgga gtctctggac ttagaggctg 120
 acaggatccg gcaggagctg atactcactc atttcagtta gaatgagggt agagggagga 180
 ggaaggcttt ccagaataaa ccgacaattt cccccctta 219

<210> 796
 <211> 462
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(462)
 <223> n = A,T,C or G

<400> 796
 gaactgaggt ctactgcgcg ccgcgcgagc atacgcccgc gtccagaaac cagtccaacc 60
 caagcaggac gatgaaccac cctcctctgc gttcatcaaa gaatacaagg acatcatccc 120
 caacatagag aaggttgntg atnntgtggn tggangttg nctttggana tggccgncn 180
 gactganntn nnanaggtec cgnagnaac aatncgatga acnanatggt ggtnnaccct 240
 gangngtnen gagcntngnn ggcttatten ngagccttga atgacaggnt ccgcttntt 300
 gtatacctca tgcagataca tnnaaaggac aaagcccaca aacgccatct gntgatgagc 360
 atcgaccgga ggaaaaagtt gntcaaaatc ctccgtcaga ccaactatga tgtcttcgaa 420
 aagacatgca nggagctagg ggtggnatat accttaccct ct 462

<210> 797
 <211> 500
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(500)

<223> n = A,T,C or G

<400> 797

actgagacct	ataggatnag	nnataatggg	agcattttta	gacaagccna	agcatgnaga	60
ancntaatgc	ccangggcag	gngantgggt	taccatacng	cctacgcngc	atgcaagggt	120
gncgagttga	aatggaggac	agcacacacg	gctgttgatc	tngtttgcca	agtggacttg	180
agacatggnc	attctttgct	gtatatgatg	ggcatgctgg	ttctcagggt	gccaaatact	240
gctgtgagca	cttgtttagat	cacatcacca	ataaccagga	tttcagagga	tctgcaggag	300
caccttctgt	ggagaacgta	aagaatggaa	tcagaacagg	gtttctggag	attgatgaac	360
acatgagagt	tatgtcagag	aagaaacatg	gtgcagatag	aagcgggtca	acagctgtgg	420
gcgtcttaat	ctctncccaa	catacttatt	tnattaactg	tggagactcg	agaggtttac	480
ttttgtagga	ataagaaaag					500

<210> 798

<211> 524

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(524)

<223> n = A,T,C or G

<400> 798

tgagttgctc	taggtcgtaa	ccagcctttg	aaaaaggaga	aaccaaaatg	gaaaagtgac	60
tatcccatga	cagatggaca	actgcgcagc	aagaggggatg	aattctggga	cactgcacca	120
gctttttgaag	gccggaaaga	gatctgggat	gccttgaagg	ccgctgcaca	tgcttttgaa	180
agcaatgatc	atgaactggc	acaggcaatc	attgacgggtg	caaacataac	actaccacac	240
ggtgcactga	cagagtgcga	cgatgagctg	gggaaccggt	accagctgcc	agtctattgc	300
ctggcaccac	caatcaacat	gatagaggaa	aagagtgcga	taaagactct	tgatattcct	360
gagccacctc	ccaattctgg	acacnaatct	cagctccgcc	tgcggctctc	cacaggcaaa	420
gacctcaggc	tcgtggtccg	cagcacagac	acagtgtttc	acatgaagag	gcgcttacac	480
gccacaaagg	gcgtggagcc	aggcagccag	cgcttggttc	ttct		524

<210> 799

<211> 407

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 799

aactgaggac	ttttcccgca	ggctgcgagg	ggacccacag	ttcgtggcca	cttgccctcct	60
ggggaggggc	actctcctcc	catccactca	agatgctcag	gggtccggga	cccgggaggc	120
tgctagctgc	tggcagtcct	gtgcctgggg	acctcggtgc	gctgcaccga	agccgggaag	180
agcaagaggc	aggctcagca	aatcgtgcag	cctcaatccc	cggtggctgt	cagtcanagc	240
aagcctggct	gttttgacaa	tgggaagcac	tatcagataa	atcagcagtg	ggaacggacc	300
tacctaggca	acgccctggt	ttgtacctgc	tatggaggaa	gccgggggtt	taactgcgan	360
agcaagccct	gngcngtaag	tgggaaggcan	ntctggggcc	ctgggca		407

<210> 800

<211> 513

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(513)

<223> n = A,T,C or G

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<400> 800
gattggcata agatatttct tcaagattgg acagctgctg gcctgctact tctgttagct      60
gcaagagata acaccatcat ggatctgcag acacagctga aggaagtatt aagagaaaac      120
gatcttttga ggaaagatgt ggaagtaaag gagagcaaata taagttcatc aatgaatagt      180
atcaagacct tctggagccc agagttaaag aaagagcggg ccttganaaa agatgaagct      240
tccaaaatca ccatttggaa ggagcagtac cgagttgtac aggaggaaaa ccaggttagt      300
ttcatttata catttatctt tatgggctga gtccatgtat ataaacaaaa agaggcattc      360
cttttccatc ccgtcttaga tttcccccat ctttggtctt ttattttttt tatttatcct      420
ttttacttta gaactctggt tctantatct tagccttttt aagacttggt cctgtacatg      480
gtgcaaaaaca ctcacacata taaaattaaa aaa                               513

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<210> 801
<211> 490
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(490)
<223> n = A,T,C or G

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```

<400> 801
gaactgaggg tctgcactga acctgagctc accagttcag ctagactgcc tggccagtga      60
actccaaaga ctgacctgtc tctcccttcc cgttgctgga attacagaaa gtatttgctg      120
gcctcctgtc ctggaaaaat agctggactt tccaggatac agtgagttag tacaagcaag      180
ttgctgtaga gtgacaagaa cctcacaagc taaaagaaga gaaagcattt tggacattgc      240
gtaacagaag agaatatcta ctaagggtgct tgtcagctgt gaaaatgtct gacaagaacc      300
aatcattgc cagggtctcc ttgattgagc aactggtgtc taaaagggtt tttgaagaaa      360
tcantttgna gctgtcaagt ctganttata ttttggtata ttntntccat atggcattcc      420
aggggtgntc accatggngc aatgtgntag tcctttacng agngacttac agagtcatca      480
acaactcaag                               490

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<210> 802
<211> 414
<212> DNA
<213> Mus musculus

```

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<220>
<221> misc_feature
<222> (1)...(414)
<223> n = A,T,C or G

```

```

<400> 802
caatgcttac ctgctnttgn ccgaagatct gaanagcgtg nggtatggga gggaccaggc      60
agcaattacc tgacaacca gagcgattn gtagtcctgc aanctgtgtt gggagccan      120
attttcacct gcggnagaca ctactgggaa gtgcaagnng ngaaagaaga cggagtggca      180
agtggngatc tgcanggact ttgngaacag aaaggggant ttcncccaaa nctgnccggg      240
gacctcttcn cactcatagg cttaaaaatc gncgaccnat tacaagtctc ttggnttnca      300
tctccctga aagggaaca tgtcncggag nancccgtn cntacaggct ggnagnagtn      360
tttgactat gactctgnan cccataancc ttatacaatt gccaacagga tgga          414

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<210> 803
<211> 318
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(318)
<223> n = A,T,C or G

```

```

<400> 803
caciaacgtg tatcttggtg tgcagggggn taccagtagg acaacttata gaattggctc      60

```

tctccttnnn	tgnggggtccc	anagacagna	ctccggccat	cagacttga	agccagcacc	120
tctaccagct	gaatcatctt	tgccctgcctt	aaagtgaatt	tccttaagag	ggagaatgtt	180
ctaggngtgg	cttcacagag	acagtgggtta	ccggccngtt	ttntnagcgn	agcttgaagt	240
gggaggctgg	gtggcacaca	tgggagacca	aagagatgtg	acttntttcc	ctagcctctt	300
ttgggtgtgtg	tgtgtgtg					318

<210> 804
 <211> 167
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(167)
 <223> n = A,T,C or G

<400> 804						
aactgagggg	actggaagct	gcaagcatcc	tcagctgaca	actgcacctc	cgcgaatggc	60
tgggtctctg	tagtaaaact	gcggtgggnag	gccattgtga	ttgtnataga	ccngagaaa	120
cctgnactga	cgccctttta	aactgcagtc	aggaggaggc	tgactaa		167

<210> 805
 <211> 494
 <212> DNA
 <213> Mus musculus

<400> 805						
aactgagatt	gccttggggtc	cccgggtattc	acgcccataca	aggcagacat	aagcggtaac	60
atcaccaaaa	tcaaagccgt	atatgacacc	gacccagcca	agttcaagac	cctgcagAAC	120
atcctggagg	tggagaaggg	gatgtatggg	gcggagtggc	ctaaagtggg	ggccactctg	180
gcactgctgt	ggctgaaaag	gggcctgcgc	ttcatccagg	tgttcctgca	gagcatctgc	240
gatggggAAC	gcgacgagaa	ccaccccaac	ctcatccgag	tcaacgcca	caaggcctat	300
gagatggccc	tgaagaagta	ccatggctgg	ctggtgcaga	agatcttcaa	ggccgccctg	360
tacgcagcac	cttacaagtc	cgacttcctc	aaggcactct	ccaaggggca	gaacgtgaca	420
gaggaggagt	gcctggagaa	gatccgcctc	ttcctggtca	actacacggc	caccattgac	480
gccatctacg	acat					494

<210> 806
 <211> 265
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(265)
 <223> n = A,T,C or G

<400> 806						
aactgaggaa	ggggaagaag	aaggagatga	ggaaaacgat	ccagactatg	acccaaagaa	60
ggatcagaac	ccagccgagt	gcaagcagca	gtgagcagtg	actggccttg	aggacggccg	120
ccctggccta	ccttctgctt	tcctggaaaa	gatgaatata	catcatatga	acctattttg	180
agtttttctg	ttgtttgttt	gcctaatttt	gttttttatag	cctaaaataa	aaatatgaca	240
cagnttttagc	tctcaaaaaa	aaaaa				265

<210> 807
 <211> 115
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(115)
 <223> n = A,T,C or G

<400> 807
 gtagtcccgc ttccaccaaa actctgtgtt tccttttctt caaaataaaa ctcaacaagc 60
 cataaagctt ncgacgccgg tggaganggc gccncgnat ttatggcccc tgaat 115

<210> 808
 <211> 544
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(544)
 <223> n = A,T,C or G

<400> 808
 gactgagagc tgctctcaga nctgctgctg ctgctgctgc tggcacganc tntngtccga 60
 gtccnntgag gaggaggacg aagagganga ataggaccan gnacaggccg aggaagagga 120
 ggaggaggag ganctagaga ggctttcatc tgagtactg tcttctgaag aggatgaggc 180
 ggatgtctca ctctctgatg aagactcact ggccgaactg tcaactgctag agatcnnctc 240
 tnngtagana nngttcttct ttgtcttctt tgcgacaagg tctcacgtan cctaggctan 300
 gcctgaagat gctgctgaac gcttgacccc tccgcttccc ttacacagcg tcacggatgg 360
 atctcagaac cttgtgcatg ctaggcaagc nctctgcaaa ctgagctaca tctcancccg 420
 acttctaccc tgtgcttgga cctcaaaggt ttcccaaatg antctctgct ccctgatgag 480
 gagagtagct cgatcctgcc ncanacganc cagcncgggc ttcactctaa ccattctcaa 540
 aaaa 544

<210> 809
 <211> 338
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G

<400> 809
 tcccacctgt acctgtgtct gtgtccagcc aggaagaenn gttgcctnan ctacctcccc 60
 tgcctaantt accanacacc ggntgagaac tacgtgactc ccattgnaga ctccccagca 120
 gccgaatacg tgaatcagga tnggcctctc tccaatcagg cggtcctntt gaagnccaag 180
 aagccngccn ggntccnagc anaacncna tagncatnag ttgtgcctan gccagatctc 240
 ttagccatnn ccngngttga ggaccaggan gctaggtgga agntcntncc aggcttgctn 300
 ccttggggaca agacttgngg ntatcacccg tgagctgg 338

<210> 810
 <211> 240
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(240)
 <223> n = A,T,C or G

<400> 810
 gactgagaat agtatacaag cttcaggagg gactccggaa gccaaagggca ttgagaaacg 60
 caagctttct cagaaacgaa ggacactgta gctgccagca gcagtccatg agcatctcca 120
 agcccaagta cctggagcaa ctagaaaact acctgcgcaa ggaactcctc ctgctggacc 180
 tgagcacgga ttctgcacag gaactgaggc tgcaggtnaa agcccacaga cccaacatgt 240

<210> 811
 <211> 133
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(133)

<223> n = A,T,C or G

<400> 811

gagatcttcg	aagaactggt	gctgtaactc	ttggtatatt	tggaacttat	ggcntacaca	60
atccacangc	atacagatac	tgtgaagcag	atTTTTtgctt	tagaataaaa	aagctgtgat	120
acaagaaaaa	aaa					133

<210> 812

<211> 512

<212> DNA

<213> Mus musculus

<400> 812

actgagtgt	tcctgagggt	accggcgggt	gtttgaggag	tacatgcggg	ttatcagcca	60
gcggtatcca	gacatccgca	ttgaaggcga	gaattatctc	cctcaaccaa	tttatagaca	120
catagcatct	ttcctgtcag	tcttcaaact	agtattaata	ggcttaataa	ttggtggcaa	180
agatcctttt	gcttttttcg	gcatgcaagc	tcctagcatc	tggcagtggg	gccaagaaaa	240
taaggtttat	gcatgtatga	tggttttctt	cctgagcaac	atgattgaga	accagtgtat	300
gtcaacagggt	gcatttgaga	taacttttaa	tgatgtgcca	gtgtgggtcta	agctggaatc	360
tggacatctt	ccatccatgc	aacaacttgt	tcaaattctt	gacaatgaaa	tgaaactcaa	420
tgtgcatatg	gattcaatcc	cacatcatcg	atcatagccc	tacctatcag	caccgaaaac	480
tcttttacac	taagggattt	tgcaagagca	gg			512

<210> 813

<211> 410

<212> DNA

<213> Mus musculus

<400> 813

gaactgagag	tcagtcgctt	tgaatccaag	atccatgact	tgcggggaaca	aatgatgaac	60
agcagcatga	gttctgggtc	tgggtctctc	cgaaccagtg	agaagagggtc	cttgtatgtc	120
agggccctgt	ttgattatga	tcggactcgt	gacagctgtc	taccaagcca	gggactcagt	180
tgaaggcaaa	gagggataaa	gtgacagatg	attgtgactc	tcgcgagggg	gggtgagccg	240
ggaagtgttg	attctctgat	ggtaactgac	agcagtggac	agtgtcfaat	cctccctccc	300
aggggaagaaa	agcaaagatt	cgaagtaagc	atgataatag	ttggtttacc	agtgttcctt	360
ccaaggagac	atatattttt	taataaatga	tagttgcaat	gaaaaaaaaa		410

<210> 814

<211> 100

<212> DNA

<213> Mus musculus

<400> 814

gaactgagct	ctaagaacag	gtggaattag	ctatggataa	ttcatacaat	ttaaataaac	60
aaagctcatg	gaatggaatc	tcattctgaga	agaaaaaaaa			100

<210> 815

<211> 152

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(152)

<223> n = A,T,C or G

<400> 815

ttgattcaag	atgtcacaga	cagtncttcc	cnnttgggga	gtctgacatt	tgaagaggaa	60
------------	------------	------------	------------	------------	------------	----

gaactgactc	gagctgatcc	tgagcaatgc	catgtgcccc	tgtgagtaga	acgaatgatg	120
atgcagtcac	tcctgaaaaa	tgtgggacaa	ga			152

<210> 816
 <211> 365
 <212> DNA
 <213> Mus musculus

<400> 816						
gaactgaggt	ttagagtcag	gtcctcccgg	ccaatgctac	tggggaaata	gcccaggcgg	60
gctgccaggt	ctccatagta	acctccctga	acctggagaa	gaagttaaaa	gtccatctgg	120
ggaaacggca	cttatgcttg	ctgaacgcct	gtgtacaatc	ttccctctta	cttgaatctc	180
agcttaaatg	ccatttgctc	atggatagaa	tgttgccact	acaactaatc	ctcacaatgt	240
catgtttgct	gccacttttg	atggcttgct	ggttgccctg	ctctaccctt	ttgttcactg	300
ttgtatcccg	ggtatgaaaa	agagctttgg	cgctaagctt	ctctgtaatt	tctaaagaaa	360
aaaaa						365

<210> 817
 <211> 546
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G

<400> 817						
gaactgagat	tggcttgggc	aaaagaatcc	agagacccta	ggatttcaga	aggccagcag	60
tctccactgg	agaagaagat	cctgagtttt	ggtgggtgtg	atacaacagc	agcaagacac	120
ttgataactc	agaaatgcca	tgaggagagc	aaagcactct	gcaaggagca	agctaattct	180
ctggactact	ggcttgcaaa	agcagagtcg	tattataata	agagaatggg	ggagagaatg	240
aaaaaagaca	caggtgatga	aacaaagaca	aaagtgcag	aggaaccacc	atcaccatca	300
ccaccaccac	caccaccacc	acgcagagag	agacagaaac	agcattactg	ggtgcctgag	360
agagagaaga	agcaaataga	aaggcacatt	catagaacaa	gccatgccag	agaatttaca	420
gaccaaccct	ggagacagcc	acgactcttc	agtgaacaaa	cactacccaa	aatttgtgcta	480
gaggaggaaa	gcaccccaca	agcacagaaa	agaaggcagg	cncacgagag	agaactgctc	540
caaatt						546

<210> 818
 <211> 239
 <212> DNA
 <213> Mus musculus

<400> 818						
aactgagatg	gatgtccatg	gcagaataag	agaaattctt	gcagagacta	tacgagaaga	60
attagcaccg	gatcaacaac	atztatcaac	agaagatctg	atcaaagctc	taagacgtcg	120
aggaatcatt	gatgatgtaa	tgaaagaact	taattttgtg	actgatagtg	ttgatcaaga	180
actcccttct	tctccaaagc	aaaccgttgg	ttttgataag	cagtcaacat	taaaaaaaaa	239

<210> 819
 <211> 457
 <212> DNA
 <213> Mus musculus

<400> 819						
gaggctcgac	ttcggatggg	agacattgtg	gagaagggaag	atgtaaataa	agccataaag	60
ttgatggaga	tgctgaagga	ctcccttcta	ggtgaaaagg	gacagacagc	taggaccag	120
aggccagcag	atgtgatatt	tgccaccatc	cgtgaattgg	tgtcacaggg	ggcggagtgt	180
ccacttttct	gaggctgaac	agcgtgcat	atctcgtggc	ttcacaccag	cccagttcca	240
ggcagctctg	gatgaatatg	aggagctaaa	tgtctggcag	gttaataact	ctcggacacg	300
gatcaccttt	gtctgatagc	cagtttttac	accctcctgc	ctacaccaga	gggcatgctg	360
aatgccccct	caagaaaaaa	tctcattctc	ccatgctgca	ctttttttatt	ctgccaataa	420

agtgttttga ttgcctcttg cttgttaaaa aaaaaaa

457

<210> 820
<211> 125
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 820
tgggattaca gatgtttgct gagggaaaat ggccagaaaa tcctcattcc tacgtttggt 60
ccttanaaag gctgttgggg caggtaatcc agctcctgca cagttctgct gagagccaca 120
taaaa 125

<210> 821
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 821
gactgaggct atatcggcgt ggttaaccga agccagaaag acatcgaggg caaaaaggac 60
atccgggctg ctctggcagc cgagaggaaa ttcttcctct cccacccagc ctaccggcac 120
atggctgacc gcatgggcac cccacacttg cagaaaaccc tgaaccagna antgaccaac 180
cacatccgga gagtcactgt cgacccttcg cannaagntg nagagccaac tgctgtccct 240
ggagaaggaa gtg 253

<210> 822
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 822
gaactgagga gtgccagtgc acaaccaagg naagtccatc agctttatta acccatcaaa 60
atcaagtgca gggaaaggat atgctgcctc aaacccaaac aaattggccg tatcaagaac 120
tatgggtttt ttaactgaca tgaagccggc agaaaaacta aactgttcct agcgctaaaa 180
cagtacaggt gcttgattca aaaggagttg atgtcacacc ccgacctctc taccatccag 240
atccacatgc tgcgtcagca aagccaaaca aactcttgac atcacaagaa ggatcgcttg 300
gatcagatta tatttcttcc tatagcctct atcanaatac actaaaccct agcatgttag 360
ggcagtacac aaggtcagtc ctggggagca gntcagtgtc gaagtcaagc atctcaacaa 420
ctgagtcgat gtcagaggac cttgaagatt cctcttacia gaggggatag attggccagt 480
tttacagatg tacga 495

<210> 823
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)

<223> n = A,T,C or G

<400> 823

tacagcaagt	ccaaaggant	gcnactctc	canaggattt	aactggnagn	ggnatgagac	60
ttctgatttc	acagctcgnt	ggctacctga	aagngaaaac	aaaaattcan	nncatntttt	120
atctatggca	tgncngcaaa	ncatcaaaan	aaagcgattc	ttaaaccctg	gaaaaaaaaa	180
aa						182

<210> 824

<211> 313

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(313)

<223> n = A,T,C or G

<400> 824

ccacaggtgt	cggccagcag	tatcctgacc	cagcaacggc	atggtggnat	gtggggctat	60
atgccaaagag	ganagccgtc	tatnnggana	actctctcta	tcagcctctt	tcttgccctg	120
gganatncgn	gctcttctca	ataagcctaa	ggctttactg	ntaagaatcc	caggagggtt	180
ctgggataag	acaccattgc	ttaaactcgg	ggnatgcagg	aaaggaaagg	gcagacactg	240
ngaagggtc	atagaaaanc	actttcaaca	attttgggaa	taccaaggag	aagaatttcc	300
tagagaaaaa	gaa					313

<210> 825

<211> 336

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 825

ctgagactga	gtaagagaga	gagagaagag	agaagnagaa	ggagaagatg	aagaagaaga	60
agaagaagaa	gaagaagaag	aactgctttc	cctcgtntcc	ttgctggtct	gtcctccccc	120
angaccctga	cttgnaacac	cnaancntn	cacaaccagc	ancccancca	ngcancaaat	180
gacacacacc	aaggctcatc	tggtcctga	ggttcaaagt	gagttttnt	tgtgttttat	240
tctaacatgt	tttttcagag	ttttctgctt	tgaaaatgaa	gttctttttt	agctggngaa	300
gaataaataa	tattttccaag	agccgccctc	ccagga			336

<210> 826

<211> 520

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(520)

<223> n = A,T,C or G

<400> 826

tcatcagaaa	agctaagttt	gctatacagt	aaggatcagg	agatctgacc	ctgggttgag	60
aaccattcct	ggttgcagaa	tacagggttg	tattcccact	tcatctttcc	agaccatcct	120
aggaaatact	aggaatcctt	ggaagggaag	gaaggaaacat	tggttggttg	aataaaaaca	180
gggttggaatg	agttccagaa	agcaggcttc	tcaaactcgt	ggacaacaat	ctgctgaaga	240
agacaacttt	aagaaaccaa	ctcgaagcaa	tatgcagaga	agtaagatga	gaggagctgc	300
ctcgggaaag	aagtcagctg	gttcgcagcc	aaagaatctc	gatccagccc	tgcccgggaag	360
atggggaggn	ccgctctgct	gagaaccccc	cttcgggttc	tgtgcggaag	accaggaaga	420
accaagcaga	aggctcctgg	cnaacggaga	cggaggcagt	acccagggga	agtccccccag	480

ccccctcgg aagaaaaagg gcacggggct gacccccact

520

<210> 827
<211> 360
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 827
actgagactg aggtatcagt ccctcacctg accctgttcc tgaacacagt gcacccatct 60
atgagttccg gtgacagagg ttcagaacag tggccaaata aaactgaact tggcaacaaa 120
nanccttgan aggaaattat gtacctgcca tgaaccagga gaggtgtgtt cctgtttgtt 180
cacgagcaga cttcatcaga aagcatgaat gttaacctac aggatccaag gagcatggcc 240
aacctgcagg caggcagagg gagctgttca cctcccaccc tccttcctct cagtggcatt 300
gtgggtcacca tctgtttctg aacaacctta aatgcacttt ccttcctgca cagctaactt 360

<210> 828
<211> 421
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(421)
<223> n = A,T,C or G

<400> 828
acactcacgt ccttgtgcag ccttcgccac catcctcctt cagaactcat tcattctctca 60
cagttgaacc tttgcnacac tgaaacagtn agtctctctt tttaaagata anttncattt 120
ttgattatac atgtggatgc agatgccctt ggagaccaga catgtnggag ttgnggtgaa 180
gatgggtata aaccactnga nggtgnggtt tncctggctgc cctataactc actntggggn 240
ccaggctagc ctgaactgcg atgtctttta cctagggtttt ttcctcccag ttcactgatc 300
ctgtnttgca tgnennannn nacctccctt aaanacatat annccaccan nntntgcanc 360
aatttcagaa ggctcaaggn gggggacgcc ctggccctat nttgaccagg tgaaactgca 420
g 421

<210> 829
<211> 536
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

<400> 829
gaactgagag tcctttggac agaactaccc agtaggtaag ctgatgggac tctggactgc 60
atcagcatgg ccctgacctg cacctttaac agaagaccct naataaannn ctgntggccn 120
tccaccgnat gcagtcncaa nctncttgat ggaggaagg gctngtgtca gagaanaana 180
ggcacncttc annacanggn ncccatncac caaagangaa acntanaccc accantatan 240
ggntncaagg agagccgaat gatgaantcc atccactact gngngtaaag ggggatggca 300
aatcgaaana agantcaagc angccggcct aaaggatnaa aagcaggagg agccatctca 360
gaactgctgn gaanaccgtg gaacccttgg ttcttctcac tctgtcatca ggtanccttt 420
ggacagngtg gccaatcatc tgagattggc tttagttgaa aacaaaggcc tntgcctccc 480
acccaggagg tgaangagng gatttttnngt ttgaatgacg aaggcgaatt atgccg 536

<210> 830
<211> 333

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 830
gaactgagga agaaatggaa gccagaatna agcagggtact ccgctccctg cgtctggagc 60
tgggtgccga ggtactggtg gaaggactgg ttcttcagta cctttaccag gaaggaattn 120
tgacagaaaa ccacattcaa gaaatcaaag ctcaaaccac aggcctccgg aagacaatgc 180
tggttgctgga catcctgcct tccagggggc ccaaagcttt tgacaccttc ctcgattccc 240
tccaggaatt tccctgggta agagagaagc tggagaaggc gagagaggaa gtcacagccg 300
agctgcctac aggagaaaaa atccctggaa gca 333

<210> 831
<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 831
gatgcgtttg gcagagggag cagtggagat tctangtcng ggcttaaggc ctggggcttc 60
caatgatnct ctggtnatgg ntggangcct agatgcctca ccgcangng caggacngn 120
gggtcctcnc ttaantgcac acnggcagca anangcacag gcggagggag gaaatatagn 180
ccnggctgtc actcacntn tcggntgtgt ctcccctggt tgacca 226

<210> 832
<211> 111
<212> DNA
<213> Mus musculus

<400> 832
ctagactgag tccaggctga tactgatttg ggcgcttgg ctgcagaaat agaaggagct 60
ggtgctgcc aaggagcagga gcctcagaag tcaaaggga agaagaaaa a 111

<210> 833
<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 833
agcacacagc tggggcttcc ctaggcgagg agagatggat ctgatccgta tgggtttgaa 60
aggcccgaag actttgacta tgcggcttat gaagaattnt tttccacgta cctggtgata 120
ctcaccaaga gggcgatcaa atggtccaaa cttctaaaag gaaacggtgg tgtcccggaa 180
aagcgtgaca gngaaacgct atgtccngaa gggaatcccc gntggaacat cgtgnccnnn 240
cgtgtggatg gctcgngagt ggancctcagg ccccggtatg accanagccn tgnatactta 300
ccatcgactg ctncanggc nagatcagct ccagggtctg acnaggtcnc attaggacan 360
nacttgtacc ggacattccc tgact 385

<210> 834
<211> 303
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(303)

<223> n = A,T,C or G

<400> 834

gaactgagtg	tcttctaatt	gttgccatca	tgacggagtt	tgtatgcctt	gataccttta	60
tgctgtttta	gaatcatgtc	tttgggggac	tgagagaaatg	actcaacagt	taaaaaagca	120
ctgctgctct	tccagaggac	ccaagtctga	ttcccagcac	ccacatgatg	ttcacaacta	180
tccttaactc	cagttccagg	ggatntaatg	ctctcttctg	atcttntgga	gtaccaagca	240
cacacatgat	gtacagacat	atatacaggc	aaagtacaca	tacaataaaa	tgaataaatc	300
taa						303

<210> 835

<211> 316

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(316)

<223> n = A,T,C or G

<400> 835

gaactgagag	catacctgcc	ctgctggagt	tcatacccat	tcctgagcaa	cactgggtttt	60
tgccatggaa	tccgtanatc	cagcttgtct	gtgcagtagg	ccactgttca	aaatgaagan	120
aaggaaaaaa	gagagtggca	acacggaagc	cagccacaca	cctgggattg	cnggctctat	180
tcgtggatct	taatgagtaa	caaggaaaag	caaaatgcta	tttatctttt	tggcaaaaat	240
taattgntag	tatttcatga	ttctagagat	gtattttctc	aactanaata	aaatttttgg	300
atcgtaaaaa	aaaaaa					316

<210> 836

<211> 286

<212> DNA

<213> Mus musculus

<400> 836

gaactgaggg	cacagagacc	gtgaagtctg	caacacgggt	gctcatcagc	ttccagcatt	60
cccagccatc	gaagtccaca	gtggagtggc	tgctccctgg	gcacctgtga	agattcagga	120
ggaacccacg	gtcacgcttt	atgcctttca	agtcattcca	tctggaaaga	tgaacagaat	180
gagaaatgtg	tgtgtgtgtg	ccatagaagt	tgttagttca	tacgttcaaa	tgctttggca	240
tttattagtt	ttgagtaaaa	acaacgttac	ctttcaaaaa	aaaaaa		286

<210> 837

<211> 432

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(432)

<223> n = A,T,C or G

<400> 837

gactgagacc	ctgtcccatc	atcttgaggtg	gcgcggactc	tagacgacag	actgcagcgt	60
cccagctttg	acccagtggt	gcagcgccta	caagacgtgc	acatcgctg	gaagaggtgc	120
ccanagccac	ccantgccag	agagcanaan	gaggggacag	tgtcccacgg	ggcacacgcc	180
atncaanggt	aaccacntgc	canagtcccg	aggacaccct	cgtgacagac	accttgctgc	240
agaagaatga	ggccgagaga	caganggggtc	tccaagaagt	ccacatcacc	ttggcagcca	300
ggctggggga	ggcagaggag	aaaatcaagg	tgttacattc	agcgctaaag	gccacacaga	360
cagagctgct	ggagctgagg	aggaaatacg	atgaggaggc	tgcttccaag	gccgatgagg	420

taaaaaaaaa aa

432

<210> 838
<211> 188
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 838
agactgagta caagacagca aaatacaact gccattata cagctgcgga aagtatgggc 60
tgaagcagtg cactacgtat ctgggctaaa ggaagactac agcaggctct tccagggaca 120
aagagcagca atgttnnnag attgtgttag aagcgtagna gccatgtgta tcatgtactc 180
aatgaatt 188

<210> 839
<211> 457
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 839
atatatctat ctggcctttn caaattggnc cctgcnnant ggcttncaen aagaagggtt 60
ntngtangaa ganggnccat catcgagggtg gtgatccang antacaccat cntcattnac 120
nagcncattc ntagngtgga nttcattang ccgtgctcct tggacactcn naganatcca 180
nangttnget atgaaggann tgnacgattc cngatgtncat tatngacacc nggctcatta 240
aagncatgtg ggtcaaggga ataaggaatg ctccattgca tctgagtatg ttcgtccaga 300
anacatagta cggaggagga gtcaccagac aagctttaca cattgataac ttactgnctg 360
tnaccacatt caaactctac agaangtcaa tgtggatgag anctaacctg ctgantgtca 420
aataangttg cagaactgcc aaacaggtaa aaaaaaa 457

<210> 840
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 840
gaactgaggt accttttcaga tgaaggcgtt gaagcctgca caagctctcc tgggaaaggc 60
agcataaatg acatcatcct gattgctctc aatgnagann aaggcaccta tgatcacacc 120
attgnntncc gcaaaggagg tgatggacag ncacaaaggc ntactnggcc ancgagnaa 180
ntntaccaan ctntctgagc tnggaactaa ngngaanggg cttttgagaa ggaagatcca 240
ctgactganc catnctggaa gccactgat ngattttcca cttnttcaga gagagactca 300
atatgctgga tatgattttt ggaga 325

<210> 841
<211> 470
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(470)
 <223> n = A,T,C or G

<400> 841
 tctgacctgg cgtttgatga nanagattgg aagctccaag tcagatcntg aaganctttn 60
 angctcctcc acaaattctn ncgaccacnn cccttcatcc tggcgagacc acgatgacgc 120
 aacctcaacg cactccgcag gcaccccag accctccagt gggggccatg cttcccagag 180
 tggagacaac agcagtgagc aaggcgatgg gttagacaac agcgtagctt cacctggcac 240
 aggtgatgac gacgatccag acaaggacaa aaaacgccag aagaaaagag gcatattccc 300
 caaagtcgcg acaaatatca tgagagcggtg gctcttccag catctcacac acccgtagcc 360
 ttcagaagaa cagaagaaac agtttagcgca agacacggga ctgacaattc tgcaagtga 420
 caactgggtt atcaatgcc aagaagaat agtgcagccc atgattgacc 470

<210> 842
 <211> 260
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(260)
 <223> n = A,T,C or G

<400> 842
 ctgagactga gcatgcatgc tttatacant ccataacaca tacgatgaca ttgaaancac 60
 tnnccggttg agatctagga tgnggctgtg gngtacttat nanntngaac aggcaatgct 120
 aggagcaggg ttgngtggtg gatttgacat anatgaanat gcactagnna atatttaata 180
 tngaattngcg gaanagtng agctaacant gggtgntatg atncttagtg atgtgtactc 240
 attatctaac agaattgtcca 260

<210> 843
 <211> 358
 <212> DNA
 <213> Mus musculus

<400> 843
 gaactgagat ggccgccaag agcgagttat gtttgacaaa attacatcac gaatccagaa 60
 actctgttat ggactcaaca tggactttgt tgatcctgct cagatcacca tgaaagtaat 120
 ccaaggccta tatagtgggg tcaccacagt ggaactggac accctggctg ctgagacagc 180
 cgcgaccttg accacgaagc accctgacta tgccatcctg gcagcaagga tagccgtctc 240
 taacttgacac aaagaaacaa agaaagtgtt cagtggtagc tctgggtataa aaacatgaga 300
 aagcgtttta tagtgtcata aaattatagg aataataagt gaatttttaa aaaaaaaaa 358

<210> 844
 <211> 543
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(543)
 <223> n = A,T,C or G

<400> 844
 tgaggtgccc tatgagacac tgaacaaacg cttccgagct gctcagaaaa acatcgatcg 60
 agagactagc cacgtcacca tgggtggtagc tgagcttgag aagaccttga gtagttgccc 120
 agctgtggac tctgtggtca gcctattgga tgggtgtggtg gagaagctga gtgtcctcaa 180
 gaggaaggca gtagagtcca tccaggccga ggatgagagc gccaaagctct gcaaacgtag 240
 gatcgagcac ctcaaggagc acagcagtga ccagccagca gcagccagca tgtggaagcg 300
 gaagcgcagt gaccggatga tgggtggagca tctgctacgc tgtggctact acaacacagc 360
 tgtgaagctg gctcgccaga gtggcatcga ggaccttggt aatatcgaga tgttccctga 420
 cagccaaaga agtnggagga gtccttgag aggcgtgaga cagccacctg ctttgccctg 480
 tgccatgata acaagtcccg actccggaag atgaagagct gcctagagtt tcagcctcag 540

gtc

543

<210> 845
<211> 275
<212> DNA
<213> Mus musculus

<400> 845
gaactgaggg ccggcacatg ggtgaggggg taccctctgg ggcgtgagct gccccgcaca 60
ggatgccccg tgccccccac tccatgcccc tgctgctcct gctgctgttg ctgtcatcgc 120
tcccccaagc ccaggctgcc ttccccccagg accccacccc tctgttgacc tctgaccttc 180
aaggtgcctc tccatcatcc tggttccggg gcctggagga cgatgctgtg gctgcggaac 240
ttgggctgga aaaaaaaaaa ttttaaaaaa aaaaa 275

<210> 846
<211> 537
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 846
tgggaaaccg gcaccagtgc actctacagt gctctcgcca agaccgtcaa cagcagtgca 60
gctgctcagc acccgagagta cttggtgtca gctgaccccg aacatctgga gcccatcgat 120
cctaaggaac ttctggagga atgcagggtt gttctgcaca ctgggccacc ccgctaccag 180
cggggatttt gtggacctga ggacagattg ctccagcagc cactctccca ttgcgctcat 240
gcagtggaaac atcctcgccc aagctctcgg agaaggcaaa gacaactttg tgcagtgccc 300
cgtggaagcg ctcaaagtgg aagagaggaa gtgcctgata ctggaggaga tcctggctta 360
ccagccagac atactgtgcc tccaggaaag tggaccncta cttttgacac ctttccagcc 420
acctcctcag tagactgggg ctaccaange accgtttttt ccccaagccc tggtcaccat 480
ngnctagant gtggaancac aacaacgggc caagatggct ggtgccttat ttttttc 537

<210> 847
<211> 158
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 847
gaactgaggt tgctgtttctg gctgaggcca tctatggccc tggagtggtt ttcattcaag 60
acaaagtcca ttccatcttt atttattagc tgagcaaatt cagctaataa ttttcaagac 120
ccagattcaa gcaataaaac atttctctgc aataccaa 158

<210> 848
<211> 123
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 848
gactgaggtg ctgctgactt ctgataaagc tgcggccaat ttctcagatc gttctttgct 60
gaagaacttg ggacattggt taggaatgat cacattagct aanaataaac ccatcttaca 120

cac

123

<210> 849
<211> 543
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G

<400> 849
aactgagggtg aagagactgt tttctgaggc tgcgttgagg gctgtgaccg agcagagagc 60
ccatgtgaac tgatggggag gctttctgaa taacatggcc ttttgccatt agccttgcca 120
tgaccacatt tttcaccagc agtccctccc tggattcaag atgcaaagca ggaggaggaa 180
gtgggctagg aaactagtgc ccaggcctcg gggccgggag gcagagagtc aagtgaagtg 240
ccaatgtgaa atctcgggga caccattttc aaatggggag aagctaaggc ctcacagcct 300
tccccatccg gagcagagac catatagctg tcctcagctg cactgcggca aggcttttgc 360
ctccaagtac aagctgtata ggtagggtgac actcccattc ctctttcagt ttccagggtc 420
ctggagctca caaccagaga ctccattgag agtgaacggg aaagntgtcc tgtgagtata 480
ctatgaactc taaccatttg aagtcactca ctaaatagta ataatggttt agctggatat 540
gga 543

<210> 850
<211> 307
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 850
gtgttccaat ttgcaaggca agaaggagtt catggttttt atgacttagc agtggaagcc 60
aaactatcac tttcaccaaa ttcaacgtat taacagcaag tcaccaacca ttcagggtcg 120
gagagggtgt tagnagnata gggctgctct tccagaggat cccagttcaa atcccagcat 180
ccacatggna gctcacagca ntgtgttaact ncagttctgg ggattccagc nccccatac 240
agactgtaca cgcngccaaa acaactaaga cataaaatan tgataaatac attctttaaa 300
aaaaaaaa 307

<210> 851
<211> 546
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

<400> 851
gaactgagga gtaatggagt ccaagcatca aggcgtgaaa aatctcaaca tggagaatga 60
ccatcagaaa aaggaggaga aggaagaaaa gccacaagat accatcagaa gggagccagc 120
tgtggccctg atctccgagg ctggcaaaaa ctgtgcgcct agaggaggtc gcaggcgggt 180
ccgggttcgg cagcccatcg ctactatag atgggacctg atgcagaggg ttggggagcc 240
ccagggaagg atgagagagg agaacgtaca gaggtttggg ggtgatgtga gacagctcat 300
ggagaagctg agggaaaggc agctgagcca cagcctgcgg gcggttagca ctgaccgcc 360
tcatcatgac caccatgatg agttttgcct catgccctga gtcctgagct tttctctgaa 420
gatgacatgg ggacccctgc cttgtgatgt acaaattttg aggttactcc tttttatgta 480
gatctctccc tgttaccagc ttctaattga aacttgngnt ttttactcgg cctataatta 540
agcaaa 546

<210> 852
 <211> 352
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 852
 gaactgaggt gacaggacac cctcaagggc tttgatgaga aggcgtacct gtcagccaag 60
 cagctgaagc ctggagagga cccatacaga caacatgcct tcaaccaact ggagagtga 120
 aaactgagct cagaccgacc catcagggac acccgccatt acaggtatgg catctgctga 180
 gtggacagga agggaaaact aagaaaagac cagtgttggn cagcttggtt tntttcactc 240
 atatgtgttt attgatttat tacatttatt taccttattc atgtgtctgt gtgtgtgtga 300
 tcgtgcacac atgcaaactg tatatatattt acaaataaat atgatgtcct ca 352

<210> 853
 <211> 286
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 853
 cgttcctgga agaggaggag gaggaggagg aggagagacc aggattcgaa ctcaggccca 60
 gcttcgatac gctatggaat cactgncagg gccagcttcc cctgtggctg agttcctgtc 120
 tttgatagat ttctgtgaaa tcctcacagc cttctcaatt agcagctggc atctttattg 180
 attgatcaaa aaccaattgg ggacaaggac cttcagcatt tggacaagca gattcccgat 240
 taaatcaaag cattagaacc aattctcaac agtgtaaaaa aaaaaa 286

<210> 854
 <211> 479
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(479)
 <223> n = A,T,C or G

<400> 854
 cgttctgacg ccagcactga gattctctta cctgcctttg tagttattca catcaaagat 60
 cttcttttga cggtantaca cgagcttcca gggcnganc agatgccctt ccctgcagag 120
 aggtggaana cagtcagaga ggcggcntgn ggccatcgtg agatgggtcac aaacaccaa 180
 ggaacctact ggagccctgc gtgacatggt taagtctcatg tgcagcagtg tgcagaggca 240
 tgctggacat anaggcatgc tggggctnca tgcncctgcn ctgtcagaac aggtacagtt 300
 aacactgcct tgaggagcaa gngcacgctg ggtttgcaga tccactcacc ggattgccac 360
 ttnaacatca tctgagaggg accaagctca ttatcnccca gncaangcct ccctacctnc 420
 cctctctnna naagagcctt ctctctgccc ctgccctncc tgtgttaaact gaaaacact 479

<210> 855
 <211> 194
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(194)

<223> n = A,T,C or G

<400> 855

atcagtcaag	aagaattana	agaataaggt	tgggatccac	tgntnccaca	natgaagacn	60
tgacncccag	cccagaccnn	ganccagacc	ctaccgagan	ntntgncgga	aataatggag	120
acctgtcacc	ctgcaaggtg	gaagaaaacn	cngcccagaa	gaatacagaa	acagcctctg	180
gcacgcggga	tgaa					194

<210> 856

<211> 439

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(439)

<223> n = A,T,C or G

<400> 856

aactgagatg	gccgccccat	tgggggtggag	ggcatccagg	tgctggggcac	aggaaacctt	60
atcatctcag	atgtgactgt	ccagcattca	ggtgtctatg	tctgtgcagc	caacaggcct	120
ggcaccgagg	tgagaaggac	ggcccagggt	cggctgggtg	tacaagctcc	agcagagttt	180
gttcancatc	cccagtccat	ctccaggcct	gctggggacca	cagccatgtt	cacctgccaa	240
gngcaggggg	agccaccgcc	taatgtcaca	tgnttgaaga	atggacaagn	gctgggggca	300
ggaggccatg	tnaggctcaa	gaacaataac	agcacacttg	agcatttctg	gagtcggacc	360
tgannatgag	gccatctacc	aatgtgtggc	tganaacatt	gctgggtcgn	cncaagccag	420
cgccaggctg	accgtgctg					439

<210> 857

<211> 104

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(104)

<223> n = A,T,C or G

<400> 857

aactgagggt	tttggccttg	gttcggtggc	tcacatgggt	ttaggagaaa	actctggcag	60
ctatctcggc	gtcnacttgg	gttttggatt	cggagtgacc	atgg		104

<210> 858

<211> 301

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(301)

<223> n = A,T,C or G

<400> 858

gactgagggt	aaacttgatg	attaccagga	acgaatgaat	aaaggggaaa	ggctcaatca	60
agaccagctg	gatgcngtat	ctaagtacca	ggaagtcaca	aataatttgg	agtttgcaaa	120
ggaattacag	aggagtttca	tggcattaag	tcaagatgta	agtaaaaaat	actgtgtaaa	180
atataaaaaat	taagttagtg	gaaactatth	ggagttagtc	tgtacattac	tgttgatgag	240
ttctctgcca	ggtgtggaaa	ttggattaaa	tcatttctta	ttaatttgcc	aaaaaaaaaa	300
a						301

<210> 859

<211> 321

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(321)

<223> n = A,T,C or G

<400> 859

actgagggct	ggagggacat	ctgaagaggt	ctcatcatgg	cggacagcnc	tctggggaca	60
gctttngnga	tgcctanacn	gagggntggn	tactgnacca	tgaacacant	ggaggatncc	120
tcctttgctt	ctttncgctt	ttctcctgnt	ttaaaacccc	atagtaaagt	actttctttt	180
tctccttctt	tcttttatta	acattcagaa	atacacctgt	nntgngctga	gttatnttgg	240
aggataaath	atagtttttg	ctttngtgaa	gnnggcattn	ncacctttgc	cctaanaaaa	300
tngagtgtag	aaataaaaaa	a				321

<210> 860

<211> 497

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(497)

<223> n = A,T,C or G

<400> 860

aactgagcat	tggaaaaagg	tcagcaagga	tgtctcagtg	ggtaaaggca	agcctgatgt	60
tctatcaggt	acctgcctgt	aaggaaagaa	tggacttctg	aaaaatgaaa	caggagagtc	120
agagcctctg	agcaagacct	gggaggtgct	ctggagtgct	ctgatgaaac	cttacagaaa	180
aaagtgaagt	cggactcacc	tagttcccaa	agagtgggaa	gacctcaatg	acctcttact	240
gcccagggaa	aaaggattgg	aactcattaa	ctctttgtga	accagagaga	aaagaaagga	300
agaaaattgg	aggctggaga	gatggctcag	ctgttaagaa	cactgactgc	tcttccaaag	360
gtctangagt	tcaattccca	gcaaccacac	agtggttcac	tatcatcttt	aatgggatcc	420
gatgcccttt	tctgggtgtg	ctgaagacag	tgtactcata	tgcataaaat	aaataaatat	480
ttctacaaac	aaaaaaa					497

<210> 861

<211> 411

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(411)

<223> n = A,T,C or G

<400> 861

aggaggaaag	cctggaangc	tcccaccaag	cggcggcggt	ncacggntnt	gatggaggga	60
aagnacatgn	tccacatgcc	caaggggacc	acngccccgc	atccgtgang	atnctggagc	120
accancangc	agcctaaggt	ctccatanaa	catcncgtag	tttnatcgnc	ttggngnttg	180
attncanagc	agacaccnag	cacagggact	angccttttt	gagttttcag	ccgcttaggg	240
nctaccccan	agatggatga	gtgatctgnc	cttgggacag	tnacaatgac	ggnnngcant	300
agcttctgtn	ctagcantat	nctagnnntc	ctganngaaa	ctaggaccan	gccccaacca	360
aggccangtg	cccaaccagn	nctgactgcc	aaagccaaaa	gccaccaagc	t	411

<210> 862

<211> 436

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(436)

<223> n = A,T,C or G

<400> 862

gacgtgaacc	tggaactnac	caactctgct	agactgngna	gcnntgncaa	tngetctagc	60
acagatnaac	tnngagggcn	tnanncccac	tgaaataagc	cagngacaaa	aagaccgnat	120
gttgtgatca	cacttaaata	aggnangtan	actgtctggt	caagcangta	ggggcanacg	180
agcagaacgg	ctagcccgcct	angggatgtg	gggagggcag	aatgggcatt	tgttgnttaa	240
tggatgtaaa	ggttcagttt	tgcaaaaagga	aaaggtgagg	cttgatgaca	ttgctctcta	300
gcagaacgct	canctagcat	ttctgagacc	tgannatcatg	tncaacagct	catgcacaca	360
cacatgcaca	ggagaaagaa	tggaangaan	ctaccccttt	tacttaaaaa	aattgnattn	420
attttttatt	ttatgg					436

<210> 863

<211> 524

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(524)

<223> n = A,T,C or G

<400> 863

gaactgaggt	gtgateccgct	cactgcatga	gcatgggccc	attggagcat	accttctgca	60
cagagacccg	gccctacaac	cagggagccc	ggctgacggc	cttcgagctg	gtgtacgagc	120
agatccctgc	aactctcatc	actgacagca	tggcggcgcc	tgccatggca	caccgggggtg	180
tgtcagccgt	ggtggtggga	gctgaccgtg	ttgttgccaa	tggagacaca	gccaacaaaa	240
taggcaccta	tcagctggcc	attgtcgcca	aacaccacgg	tgtcccttc	tatgtggctg	300
ccccagttc	atcctgtgac	ctccatctgg	agactggaaa	ggagattgtc	atagaggaac	360
gccccagcca	ggagctaact	gacctgaatg	gagtcaggat	tgctgcacag	gaaatccggn	420
tttgggaatc	ctgcctttga	tgtcaccccc	cacgaactca	tnacaggngg	natnatcact	480
gaactgggtg	nntttgcccc	tgangagctc	cgaggagccc	taag		524

<210> 864

<211> 107

<212> DNA

<213> Mus musculus

<400> 864

tgagactgag	gggaggcaca	cggtccaagt	ccttttactt	tctgaggatg	ggcagatcct	60
ggcagaagca	gatggactga	gcacaaacca	ctgggtaaaa	aaaaaaa		107

<210> 865

<211> 454

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(454)

<223> n = A,T,C or G

<400> 865

ggtgtcaaca	tctccagggg	gcccgaancc	ccatctccc	cgccgccagt	gtcttcgttt	60
tgtatgccac	atcctgtgcc	aataacttcg	cantgaaagg	aaagcgcaag	actctcaatg	120
ccagtgcgct	gctgtcagcc	atggaagaga	tggaattcca	gcgattcata	acaccattga	180
aagaagctct	agaagcgtag	aggcgggagc	agaaaggcaa	gaaggaggct	tcggagcaaa	240
agaagaagga	caaagacaaa	aaggattccg	aagagcaaga	caaaagcaga	gaggaggagg	300
aggaggatga	agagagactg	gacgaggacg	accagaacga	agaggaggaa	atagacaact	360
gaatggagag	agtaggcana	ctgtggcggtg	gtggagggga	ccctgagatc	ctgagacatg	420
tctgtgtgaa	ggctttccct	gcaaggcaga	gccca			454

<210> 866

<211> 295
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 866
 ccctgttccc caggcagagt acanaactna gcnttgctgg tgaagggtccn actggaggac 60
 acccaagttc ancatgatct tgacagacct gtgactgacc tgaccctccc tncagtcctg 120
 tgccactgac acatatgctt gatgccttct gctttgtcct agtacccaag acggtgagtg 180
 aagcaggggt caaaagttca gttctcagct gcatagttag tttgaggcca gcctgggtta 240
 aatgatacac tgctttaaca caatgaaata aaggacagga gagattgggt tggaa 295

<210> 867
 <211> 361
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 867
 gactgaggtt tatcatggct tccagcccac cgtgttgatg cggctggtag cttcagcata 60
 ttctatcgct caaatggtac tatnnttaag ngaagaantg aaagaggggt agttccaant 120
 gactgtccag gtcattctgt gcacgtcanc attnctgccg ataaaccaga nttcttcagg 180
 gcacagagnc ttaagttact ccagantttc agtngtnatg ntttttcaca gtanttttta 240
 aaatntntga tnccaaataa gaangcatat agntgatatt attnatgten gatttatggg 300
 ggaaagttnc tctaaaanca tagtcctatc tttncatatt atatatcaga tttttttcaa 360
 a 361

<210> 868
 <211> 504
 <212> DNA
 <213> Mus musculus

<400> 868
 gccgaggacc agcagccaag cactaggact ggacatccca gcaatgacca gctctcctgt 60
 ctccagagtt gtctacaacg gcaagaggaa tagcagtccc cgctctccca ccaacagcag 120
 tgagattttc acaccggcac acgaagagaa tgtgcgcttc atttatgaag cctggcaggg 180
 tgttgagcga gacctgcgca gccagctgtc cagtggtagag cgggtgcctag tggaggagta 240
 tgtggagaaa gtccccaacc ccagcctgaa gaccttcaag cccatcgacc tgagtgaact 300
 gaagccgccc gaacacgcag gatgccaaga agtcctagag ctcttgccgc cctcccctgg 360
 cctccagaag ctcaggtgca cttgatgggt gtttcctgtg ttcctgtggc gctgctcctg 420
 gggggaagag tgtgctctag caggccggga tcccagagcc agcaggattg atgaccaggg 480
 cccttccttt cctctccagg gtct 504

<210> 869
 <211> 405
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 869
 actgaggtgg ggtctttcac gatgaccgga gaggtagcac gacgacgagg aggaggacat 60

ggtctcggag	gaggacgagg	aggaggagga	ggatggctga	cgccgaggag	acccaggatt	120
ccgaggacga	ggaggaagat	gacatggaag	aagacgacga	tgactccgat	tatccggagg	180
agatggaaga	cgacgacgac	gacgctagtt	actgcacgga	aagcagcttc	aggagccata	240
gtacatacag	cagcactcca	ggtaaccacc	caggccgccg	ggagactcct	tccccacctc	300
ctccctcccc	ctggcttgct	ccctctccag	tgcatgtgat	cctgcttcct	anctcccccc	360
ccccttcccc	gcctgtcccc	cacgcggagg	ccacggcgcg	tttag		405

<210> 870
 <211> 556
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(556)
 <223> n = A,T,C or G

<400> 870						
gactgaggtg	accataggac	ngnggcttac	cggcacntac	cacctgatat	canaggtntg	60
ccctctgatg	atttcccnaa	gccacctgag	gnntgnga	cataaatcct	antgncacng	120
aaggaccatt	atggaccata	ggaccctgaa	taggtgtttg	nctatncaga	gaacnctann	180
ctcctattaa	cnggtatatt	ntnttcganc	ngnagacct	ntnctgtc	gggtgccccg	240
tnganagcag	agtaaaccgn	tggataatag	agtacgatcg	acanctgaag	aagacntgag	300
nagagttag	gtccctgag	cttgccccga	atanngancn	aagagnggga	ggacataagn	360
gctcgagaac	taagaggant	ttcagttcgc	cttggnntag	agaatcttcc	agccgagggc	420
tcctcagatc	tcagatgccc	actggcta	gtcgccagta	aaccattga	gccagagaag	480
ttgcatggca	aaggtgacgc	atcgagtcag	tccttgggat	gcttgggncc	tgggctgact	540
tctctgaagg	cgaacg					556

<210> 871
 <211> 461
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(461)
 <223> n = A,T,C or G

<400> 871						
ggttgcagac	aatgatggtg	agttcctgtt	aatagaagcg	gccgactttc	tccttaagtg	60
gttggaccct	gataacagng	ccaacagggt	gttttttcat	catggggagc	tgtgcattat	120
tcctgtgccg	aggaaatctg	aaaggatacc	atgggttacc	atgacaccac	caacaatcca	180
gcaagctttg	agtataatct	cggcacaccc	agaagctgtt	ttggcttnnn	aatctataca	240
agctgctgtg	gacaggcgcg	tcagtgggta	cccagaaagg	gtcgaagcat	ccctccatcg	300
agcacactgc	ttccttccag	ccggcattgt	ggcggtgctc	aagcancagc	ccaggctgct	360
gtcggcagcc	gtccanggcc	ttctacctac	gggaccccat	ttgacctaa	agcctgtcgt	420
gtnttcaaga	cattttttgcc	tgaaacacga	aataatggcc	t		461

<210> 872
 <211> 289
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 872						
tgaggtctgt	ttctgcaggc	atctncgtgg	ctccatgant	cttccctttg	atgacagaga	60
cctggntctg	gagtgggaga	gngaagacct	gcccttgacc	attcagcttc	cattccgnct	120
tatcctgcnt	gtnggggnacc	tgccctttga	tgaatactgg	atccccctgt	gcangaactc	180

ttggctaattg	acatgcatgg	attgattttac	cttacatagc	gctattgagc	tcaaattgtg	240
ataatgctgc	cattgagaga	aactcaccca	cgaactgctt	ataaaaaaa		289

<210> 873
 <211> 465
 <212> DNA
 <213> Mus musculus

<400> 873						
gactgaggaa	tttaactaag	atgatggcaa	cttgtactcc	aagaaagagg	aagcgaatata	60
cactgaatgc	tgataatgat	gatagcctat	taacagatat	ttcatcaagc	aaattaagat	120
gtgctgaaaa	tctattttcca	tcacctaata	agaaacataa	ttatcaaagc	agtgttcaaa	180
aggaagacaa	gtcttgctcc	caccaactcc	atttcccttc	aagtccactc	aaaacaactg	240
aaaatagtag	gtttttcattt	gcaaaccaca	gctcattatt	taaaccagct	atgtctactg	300
tatcttttcta	cagtaaagag	aaatactacc	tcaatccact	cgagaggaag	ttgataagag	360
agtgtagatc	tatttgtcta	gcaactgaaa	gtggagataa	acctattccc	agtgtgacag	420
aaaatattca	gagaaaacca	gtctgtacca	agaagaataa	aaaaa		465

<210> 874
 <211> 386
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 874						
gactgagttt	ttagttgcat	ttttaaagaa	ggaaggctca	tggtgcaa	tgttattttcc	60
agtacggggg	ctgaaggcct	ggcagaatgg	gtgctgatgg	anctacaggg	ngagatcgag	120
gctcgctaca	gcaccgnatt	agctggaaac	ctcctgggag	acctacatta	caccactgag	180
ggangagatg	tnatcnacnn	taccnagcc	tnaatcctgc	ttncctennat	ngnagnnttn	240
ngctcatteg	ntntnccacg	cccactgntg	gaacntgagg	agccacacac	ngncaccttt	300
ctactggacc	agagattatt	nggcngggaa	ntnggctccc	ctcenncttg	cttcatnact	360
ggtgtcgcaa	caataaaatt	agaacc				386

<210> 875
 <211> 533
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(533)
 <223> n = A,T,C or G

<400> 875						
tctcctggtc	tgtgttctga	ttcttctttg	gaggagagtt	taaggatcac	agttggcaat	60
gaccacttct	gtgttagcac	accagagcgg	cggcggntca	gtgaccggct	gggatctcca	120
gtggatggtc	tgaggacat	ggacagggat	gacctgactg	atgattctgt	cttcactcga	180
agctcccagt	gttctcgggg	gtcttgaacg	atacatttct	cgggaggagg	gaccacttag	240
tcccttttct	gggacaactt	ggatgaggac	taccgaacaa	ggagaaactt	ttctgcatcg	300
acctggagtt	tagtccccag	agcagttgtc	atgatgaatt	ngttgaggga	aacagagcgg	360
tatnagaaac	aaacttaaaa	gctcctccta	ttccatacga	tctgaggaaa	gaggccggga	420
ggccaaaaag	gcccccgttt	ttgatgacnc	agagaagggt	acnccagctc	aaggaggggg	480
gatcacttca	angtttttnac	atcnngggac	tcgaaaacct	atcggggagg	cgg	533

<210> 876
 <211> 306
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(306)
 <223> n = A,T,C or G

<400> 876
 gaactgagat ggcctcacgg tacatgatcc agctcacttc tgtgttcaag gatgtctgtc 60
 taacgccaga agagatgaat ctctgtgtgg ccaaagtgtt gacgatgttc tcaaagttga 120
 atcttcaaga aattccacct ttgggtctatc agcttctgtt tctctcttcc aagggacgca 180
 naaggagtgt tcttggacgn atncatagcc ttcttcaggg agctggataa gcagcacaga 240
 tacatttttt ccacataaga atgcactttg gcttatacaa taaaacttta aacattaaaa 300
 aaaaaa 306

<210> 877
 <211> 541
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(541)
 <223> n = A,T,C or G

<400> 877
 cggagcacca taacatggng tgggaagtga agacaaatca nnatgcctaa tgcagtnacg 60
 aaactcctgc tgggtgatga caagagagca ccagggatga gngactcgct ggagttgctg 120
 cagtgtaatg agaatttgcc atcctctcca ggatacaact cctgtgatga gcacatggag 180
 cttgatgacc ttctgaact tcaggctgtt caaagngacc ctaccaatc tgnatatac 240
 cagctaagtt cagatgtatc tcatacaaga tatccaagat catcttggag ccagaatacc 300
 tnagatatac cggaaaatac tcaccgtgaa natgagngg actggctaac agagttangc 360
 aaatattgcc actagtnac aaagtccct gatgcantgc tcatTTTTata acaggtagga 420
 gcatggatta tgTTTTgcnt tntcanactt gcatttatta ggggccagca atnatactan 480
 tgtaagctnc anntgggtta angaancctt gcccaccaag cnctgaaggg cgcaaaccct 540
 g 541

<210> 878
 <211> 340
 <212> DNA
 <213> Mus musculus

<400> 878
 cacaacacag tcggattctt ctcaacagcc tttattgcag gatcgcttg atgtttctac 60
 ggggacccca ggcgcccagg gagccctgct tatatgtacc ccagcacagg agaaggctcc 120
 gtggccccct ggggttggtc agtctgccag caccctaattt gcatgcacc gcttgggagg 180
 gggttgcccc aaattcgaat tgacgcctgc gcagtgggtg tgtttatgac aacggcaacc 240
 ggaaaccggc gccatcttgg agttggcttc ccacagagag gagagggaga ggagagggag 300
 aggagaggaa gaggaagagg aagaggaaga ggaagaggat 340

<210> 879
 <211> 537
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(537)
 <223> n = A,T,C or G

<400> 879
 gaactgagag atgaagcaga tgaatcttgt cactgggaaa cagngcctaa taaagagggc 60
 tcctttctcc atcagtgcct tcagttacat ctgtgagaat gaggccatcc ccatgccaac 120
 ccactgggan aacgtgaacc ctgacgttcc ctaccantg gtttccctgc agaaccagac 180
 gcacgagtat aatgaagtgg ccagtctttt tgggaaaaca atggatcgga accganttaa 240

aaggattcaa	aggatccaaa	acttanactt	atgggagttc	ttttgcagga	aaaaggctca	300
gctcaagaaa	aagagaggtg	tccccagat	caatgagcag	atgctatttc	atggcaccag	360
cagtgaattt	gtggaagcaa	tttgcattca	caactttgac	tggagaatca	atgggtgtgca	420
cggngctgtc	tttggaagaa	gaacctat	cgctagagat	gctgcgtact	ccagtcgttt	480
ctgcaaagat	gacatcaagc	acgggaacac	attccagatt	catgggggtca	gcttgaa	537

<210> 880
 <211> 481
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(481)
 <223> n = A,T,C or G

ctgaggactg	gattcagcat	caaaatacct	ccccacatt	gagagctgtc	ggcagttaag	60
gcaacaatac	cctgattgga	atcctgagat	cctcccatcc	agaagaaatg	agagcaatag	120
gaaagaaaat	gaaactccaa	gaagacgttc	tcattcccc	agccccagac	attctaggag	180
atcaagctca	ggtcacagaa	tccgtcgctc	tcgaagtcca	gtccgttata	tctatagacc	240
aaggagtcga	agtccaagaa	tttgccaccg	tttcattttc	aaatatagat	ccagatccag	300
gtccagatcc	aggtcccgtt	ctccatatac	tagtcggaat	ctccttagaa	gaagtccgaa	360
gtcctatcgg	tcagctagcc	cagagaggac	atcaagaaaa	tcagttagat	caggtacacc	420
gatnntccta	atgccatcat	tttttttgag	ttttggaaat	gagatattgg	attttaatta	480
a						481

<210> 881
 <211> 429
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(429)
 <223> n = A,T,C or G

gaactgagga	agcatcatga	cgaagaggca	ttggaaacgc	tgacagtatc	ccccatctgg	60
gttccgcacc	catggggcag	acacatgctc	atcaccagca	agatcagctt	cttcattttg	120
acaacattgc	actagctgct	ccggaaccca	cactggctct	gcgattctgt	ggaaacatgc	180
aaacagaccc	tctcgcccag	accaacacgg	gatctggacc	attccatgat	cctgtaagca	240
catccttcca	tttagcatac	cccagattac	tggggctggt	attagcatgt	cgttcagcag	300
cagagcgncc	ttcctttttc	aattgcaaaa	aatttaaggt	aaaaagagct	aaggagagtc	360
ttatcttttg	ggtatggcca	tagcctattc	cccctttttg	ttttattaat	aattctttta	420
aggttctaa						429

<210> 882
 <211> 537
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(537)
 <223> n = A,T,C or G

gaactgagca	ggctcctctn	cncatgctcc	tccaaggaat	ggtaagggtg	cccttgaccc	60
acacacatat	ctatcaagaa	ctcaagagca	cagacntgaa	gtaccnggaa	ccgtgtgcgc	120
agccgcatac	gcnacctgan	ggaccccgag	ancccatgcc	tgaggcggan	tgtgctcagt	180
ggggccattt	ccccatagct	cattgccang	atgacagcgg	angaaatggn	cagtgatgag	240
ctgnngggagc	tgagggaacgc	catgactcag	gaggccatcc	gtnagcacca	ntatggcgaa	300

gacaggcggc	accaccactg	acctcttgcg	gtgtatcaag	tgcaagaaga	agaattgtac	360
ctataaccag	gtgcanacac	gcagtgccga	tgagcccatg	accacttttg	tcttatgcaa	420
tgaatgnggg	aatcgctgga	agttctgctg	acggaaccac	ccaccaggat	ggcagaggat	480
aaggtgaaga	agaccagca	ggaagcacag	accacgtgac	ccagagcaaa	aaaaaaa	537

<210> 883
 <211> 220
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(220)
 <223> n = A,T,C or G

<400> 883						
ggaccaccca	ggtttcagct	gctcccacca	gctctgcagg	ggatggattc	aaggcaaacc	60
tcgtctttaa	ggagattgag	aagaagcttg	aagaggaagg	ngaacagnnc	gtgaagaaaa	120
tcacggcggc	atTTTTgcct	tgaaagtga	agatggccct	ggaggcaaag	aagctacctg	180
gntggtngat	gtaaacaatg	gcaaaggatc	tgtgcttccc			220

<210> 884
 <211> 264
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(264)
 <223> n = A,T,C or G

<400> 884						
gaactgaggg	cttcttggtg	atgcccaggc	taaggcacta	ggaccagcct	cagagcagtc	60
agagaatgag	aagaagccca	agagnagn	gaagaagaaa	aggtggaatc	ntcccaaat	120
gtctcttgcc	canaacnttt	natcggttg	cctcaanaga	aggcaagctt	cctcagnagc	180
tcacgganag	gtcctgctng	aaacctnncc	gcngntttct	atgnannaat	ttntttcata	240
cntttttttt	gggggggggg	gccc				264

<210> 885
 <211> 123
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 885						
cagaaagaaa	gcttttagta	aaacancctt	tttaatagcc	tggccacgca	agaaggtgaa	60
tgtttnggct	cttaagagga	anaagttcaa	aaaataaatt	gtcttgtaat	gtaaaaaaaa	120
aaa						123

<210> 886
 <211> 440
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(440)
 <223> n = A,T,C or G

<400> 886							
gaactgagga	acttaagaag	tatggagtta	ccacantagt	acgagtatgt	gaagcaactt		60
acgacactac	tcttgtggag	aaagaaggca	ttcatgttct	tgactggcct	tttgatgatg		120
gtgcaccacc	atccaaccag	attgtcgatg	actggctaag	tcttgtgaag	attaagtttc		180
gtgaagaacc	tggttgctgt	attgctgtcc	attgtgtcgc	aggccttggc	agagctccgg		240
tgcttggtgc	cctagcatta	attgaagggtg	gaatgaaata	tgaagatgca	gtacaattca		300
taagacaaaa	gcggcgtgga	gctttttaaca	gcaagcaact	tttgtatctg	gagaagtacc		360
gtccgaaaat	gcggctccgc	ttcaaggatt	ccaatggtca	tagaaacaac	tgttgtattc		420
aataaaaactg	gggtgcctga						440

<210> 887
 <211> 389
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 887							
catggaaaag	tgccggcttc	cagccctttg	cggcttttgc	agtggatgac	cgtgtggaga		60
tgctaagcgg	tggacagcgg	cagaacacta	ggaaacagaa	ggcttgggac	aaagttaata		120
gcgcctgttc	acaaagttca	caaaggaccc	gttttctactg	tgctctacaa	ttgggtcatg		180
tagggctggc	caggtggctc	agcgtttaag	aacacagttg	ctcttccaga	aggcctgctt		240
ctattcttcc	tagcaccac	atgggtgctc	acaaccacta	gggtcactct	gcttccaagg		300
gtttgatgtt	ctcttntggg	gctntgagga	ctgagcaaag	aggnggtgcc	tggttataca		360
tacaggcaaa	acattcataa	aataatcag					389

<210> 888
 <211> 361
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 888							
aagaaaactt	caaactccac	agtcggagga	gagtgacttg	cattatgcgg	acattcatgt		60
gctcaggcaa	attcggccac	actctctcca	cacagtgaag	tgcttgcat	cagaatctgc		120
tacagagtac	nnnnncttc	nnttccccca	ggccacacct	cantatgaca	gcaacaacgg		180
aaccctgggt	tgagccctcg	ggaagacggt	ccgatttcta	cgattttacc	atcctgtggg		240
aataacctac	tggtctcgag	aacaaggaca	atggccatgt	tttaattctta	aaggacacca		300
gagcatctgg	aattatgggt	ctccctactc	tttccactat	gaatcttttg	gtttgccact		360
g							361

<210> 889
 <211> 137
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(137)
 <223> n = A,T,C or G

<400> 889							
aatacatttc	aactgtatga	aattggttta	ttgttcatca	naaatgttat	ttgccttcac		60
aaagtctggg	ttcaatgaac	cagctatgta	atgggatatt	aaataaacat	ggaattttac		120
atgttcaaaa	aaaaaaa						137

<210> 890
<211> 174
<212> DNA
<213> Mus musculus

<400> 890
gaactgaggt atagctccat gaataactta aacgaccccc caaattggaa tatcaggccc 60
aatgccaggg ctgatggggg tgatggaagc aagtggaatt atgccctatt ggtgccaatg 120
ctcggattgg cagcatttcg ttggatttgg tctagggaat cccaaaaaaaaaaaa 174

<210> 891
<211> 188
<212> DNA
<213> Mus musculus

<400> 891
tcctttctgtg tgctgcagtc ttgtggcggt ctgcaggccc cctgccagtg accccaggct 60
ttttatggct gtgagactca ttaaaagctc aggggtgaga cgtgacctt ggaggtgact 120
ataactgaag attgaattac agaagccaaa aaattaaata aataaaagggt aaaattataa 180
aaaaaaaaa 188